

**GROUP
42**

Windows—Manual and Power

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PART 42-01 General Window Service

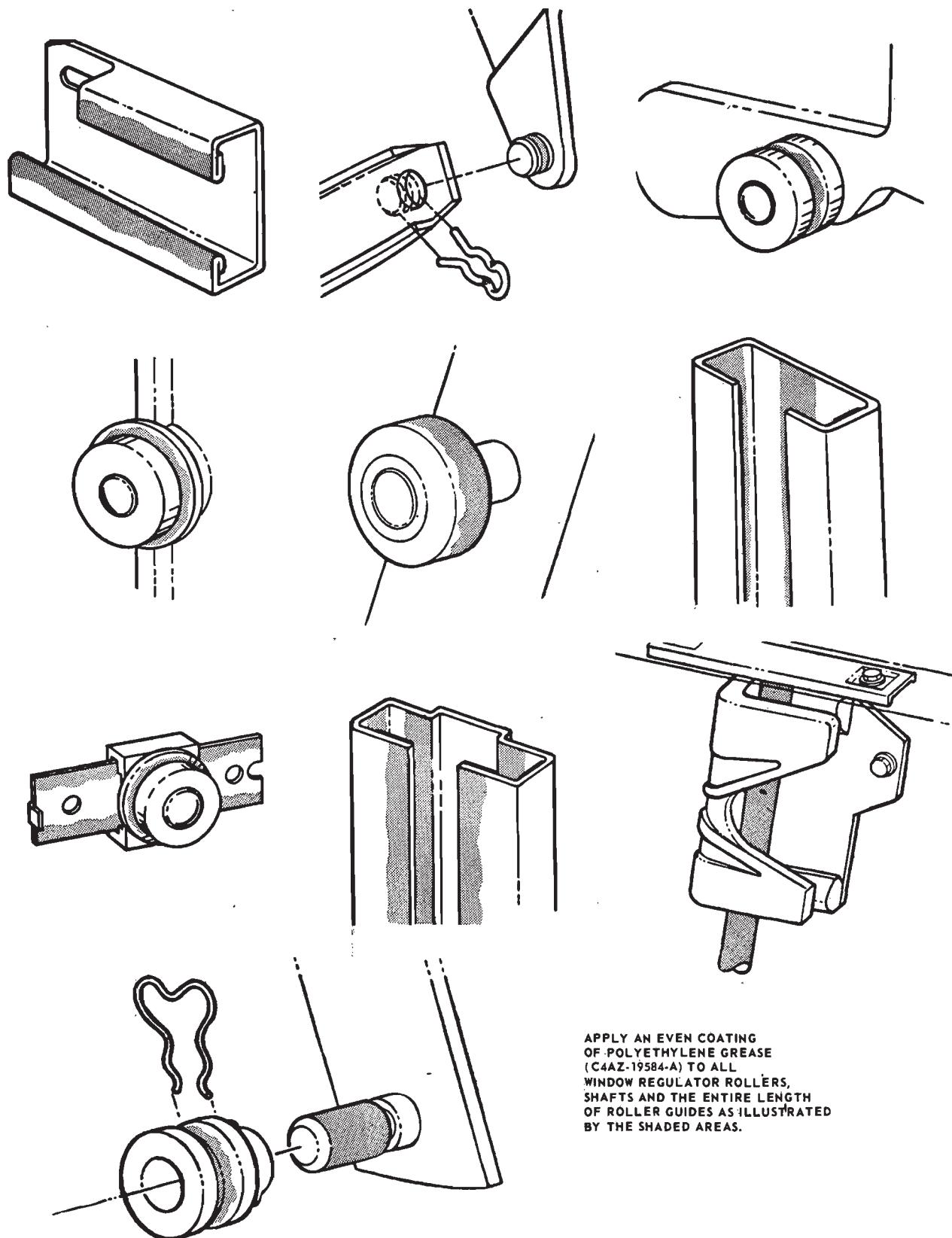
1 LUBRICATION

WINDOW MECHANISM LUBRICATION

The door window mechanism should be well lubricated to provide ease of operation. The window glass

mechanism should be lubricated whenever the glass channel or window regulator is removed or excessive effort is required to operate the windows. To lubricate a door window mechanism, apply an even coating of

Polyethylene grease (C4AZ-19584-A) to the window regulator rollers, shafts and the entire length of the roller guides as illustrated by the shaded areas in Fig. 1.



N1607-A

FIG. 1—Window Mechanism Lubrication Points

PART 42-02 Front and Rear Door Glass

COMPONENT INDEX Applies to Models As Indicated	All Models	Ford	Mercury	Meteor	Cougar	Fairlane	Falcon	Maverick	Montego	Mustang	Lincoln- Continental	Thunderbird	Continental- Mark III
FRONT DOOR GLASS													
Adjustment	02-05	02-05	02-05	N/A	02-05	02-05	N/A	02-05	N/A	N/A	N/A	N/A	N/A
Removal and Installation	02-14	02-14	02-14	N/A	02-12	02-12	N/A	02-12	N/A	N/A	N/A	N/A	N/A
FRONT DOOR VENTLESS GLASS													
Adjustment	02-01	02-01	02-01	02-01	02-01	N/A	02-06	02-01	02-01	02-01	02-01	02-02	02-02
Removal and Installation	02-15	02-15	02-15	02-15	02-15	N/A	02-16	02-15	02-15	02-15	02-15	02-16	02-16
REAR DOOR STATIONARY GLASS													
Removal and Installation	N/A	N/A	N/A	N/A	02-20	N/A	N/A	02-20	N/A	N/A	N/A	N/A	N/A
REAR DOOR GLASS													
Adjustment	02-06	02-06	02-06	N/A	02-12	02-06	N/A	02-12	N/A	02-06	02-11	N/A	
Removal and Installation	02-17	02-17	02-17	N/A	02-17	02-17	N/A	02-17	N/A	02-17	02-20	N/A	

A page number indicates that the item is for the vehicle(s) listed at the head of the column.
N/A indicates that the item is not applicable to the vehicle(s) listed.

1 ADJUSTMENTS

FRONT DOOR VENTLESS WINDOW GLASS ADJUSTMENT—LINCOLN CONTINENTAL, FORD, MERCURY, METEOR, MUSTANG, COUGAR, FAIRLANE AND MONTEGO

The tumblehome adjustment (in-out tilt) of the top edge of the door glass and the upper stops of the window mechanism can be adjusted without removing the door trim panel. These adjustments can be performed as follows:

TUMBLEHOME ADJUSTMENT (IN-OUT TILT)

Loosen the screws at the bottom of the front and rear runs (Figs. 1 through 3). Tilt the top of the glass in or out until the window, when raised, will seat squarely in the groove of the roof rail weatherstrip. Tighten the set screws.

UPPER STOP ADJUSTMENT (PARTIAL)

Loosen the two bolts retaining the upper rear stop to the rear side of the door (Figs. 1 through 3). Then, with

the window in the full down position and using a 7/16 inch socket on an extension, loosen the top bolt on the upper front stop. Slide the upper front stop up or down its ramped mounting bracket to adjust the window travel. If sufficient travel is still not obtained, the trim panel must be removed and a complete upper stop adjustment performed. If the procedures above do not give a satisfactory window adjustment, remove the door trim panel and perform the following adjustments:

UPPER STOP ADJUSTMENT (COMPLETE)

Loosen the two bolts retaining the upper rear stop to the rear side of the door (Figs. 1 through 3). Loosen the two bolts retaining the upper front stop and move the stop up or down to obtain the proper window travel.

FORE AND AFT ADJUSTMENT

Loosen the regulator front arm retaining nut (Figs. 1 through 3). Then, on two door models, move the glass forward or rearward as required and

tighten the nut. On four door models, loosen both the regulator front arm retaining bolt and the stabilizer attaching bolt at the upper rear stop, then raise the glass to the full up position. Move the window as required, then lightly position the front fork of the stabilizer against the rear stop ledge. Tighten both the stabilizer and regulator attaching bolts.

EQUALIZER ADJUSTMENT (FORE AND AFT TILT)

Loosen the equalizer retaining nut at the regulator lower arm. Move the equalizer up or down to adjust the fore and aft tilt of the glass. Moving the equalizer up will move the front edge of the glass down and the rear edge of the glass up. Moving the equalizer down will raise the front edge of the glass and lower the rear edge.

FRONT DOOR VENTLESS WINDOW GLASS—FAIRLANE AND MONTEGO MODEL 57—TUMBLEHOME (IN-OUT TILT)

Without removing the door trim

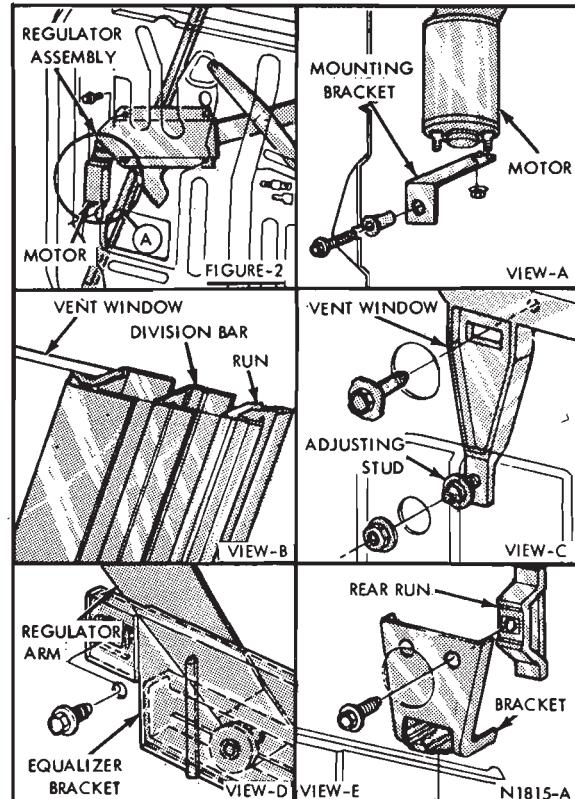
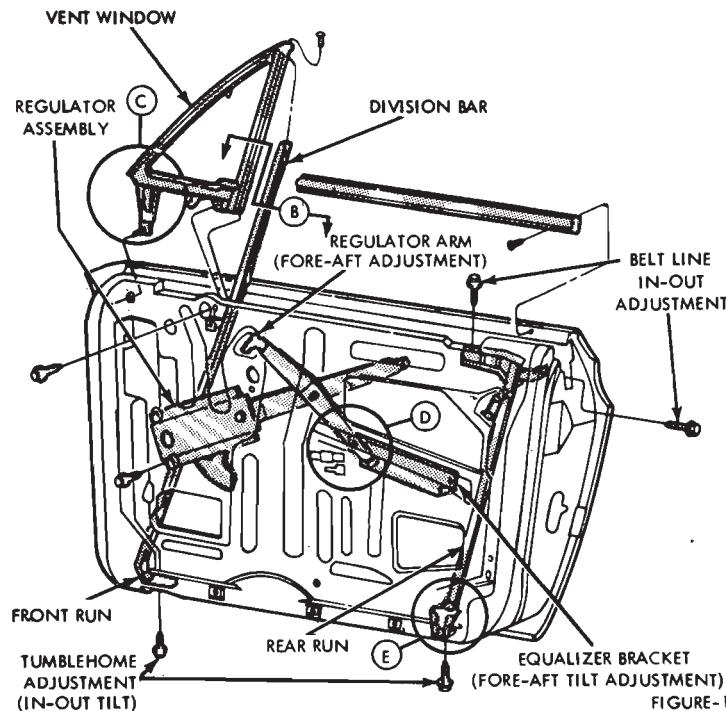


FIG. 1—Front Door Glass Mechanism—Fairlane and Montego Model 57

panel, position the window in the full up position and loosen the two screws at the bottom of the front and rear runs (Fig. 1). Move the glass in or out as required and tighten the screws at the bottom of the runs.

All the following adjustments must be made with the trim panel removed.

BELT LINE IN-OUT ADJUSTMENT

The belt line in-out adjustment is controlled by a bracket located at the top of the rear run (Fig. 4). The bracket is retained by two screws. Loosen the screws and move the glass in or out until the front glass is flush with the rear door glass. Tighten the screws.

UPPER STOP ADJUSTMENT

Loosen the screws retaining the upper front and rear stops (Fig. 4). Move the glass as required to achieve proper glass travel and tighten the set screws retaining the stops.

EQUALIZER ADJUSTMENT

Position the window in the full up position. Loosen the two screws at each end of equalizer arm bracket.

Move the bracket up or down until the top edge of the glass is parallel with the roof side rail. Tighten the equalizer arm bracket nuts.

FRONT DOOR VENTLESS WINDOW GLASS ADJUSTMENT—THUNDERBIRD AND CONTINENTAL MARK III

The tumblehome (in-out tilt) of the top edge of the door glass and the upper stops of the window mechanism can be adjusted without removing the door trim panel. These adjustments can be performed as follows:

UPPER FRONT STOP

1. Lower the glass to the full down position.

2. Insert a 7/16 inch socket into the glass opening (between the inner and outer panel) and loosen the upper front stop attaching screw (Figs. 5 and 6).

3. To raise the stop, slide the stop toward the rear of the door. To lower the stop, slide the stop toward the front of the door.

4. When the desired stop adjustment is obtained, tighten the stop attaching screw securely.

UPPER REAR STOP

1. Loosen the two upper rear stop attaching screws (Figs. 4 and 5).

2. With the window in the full up position, place the upper rear stop down against the stop on the glass channel. Then, tighten the two stop attaching screws.

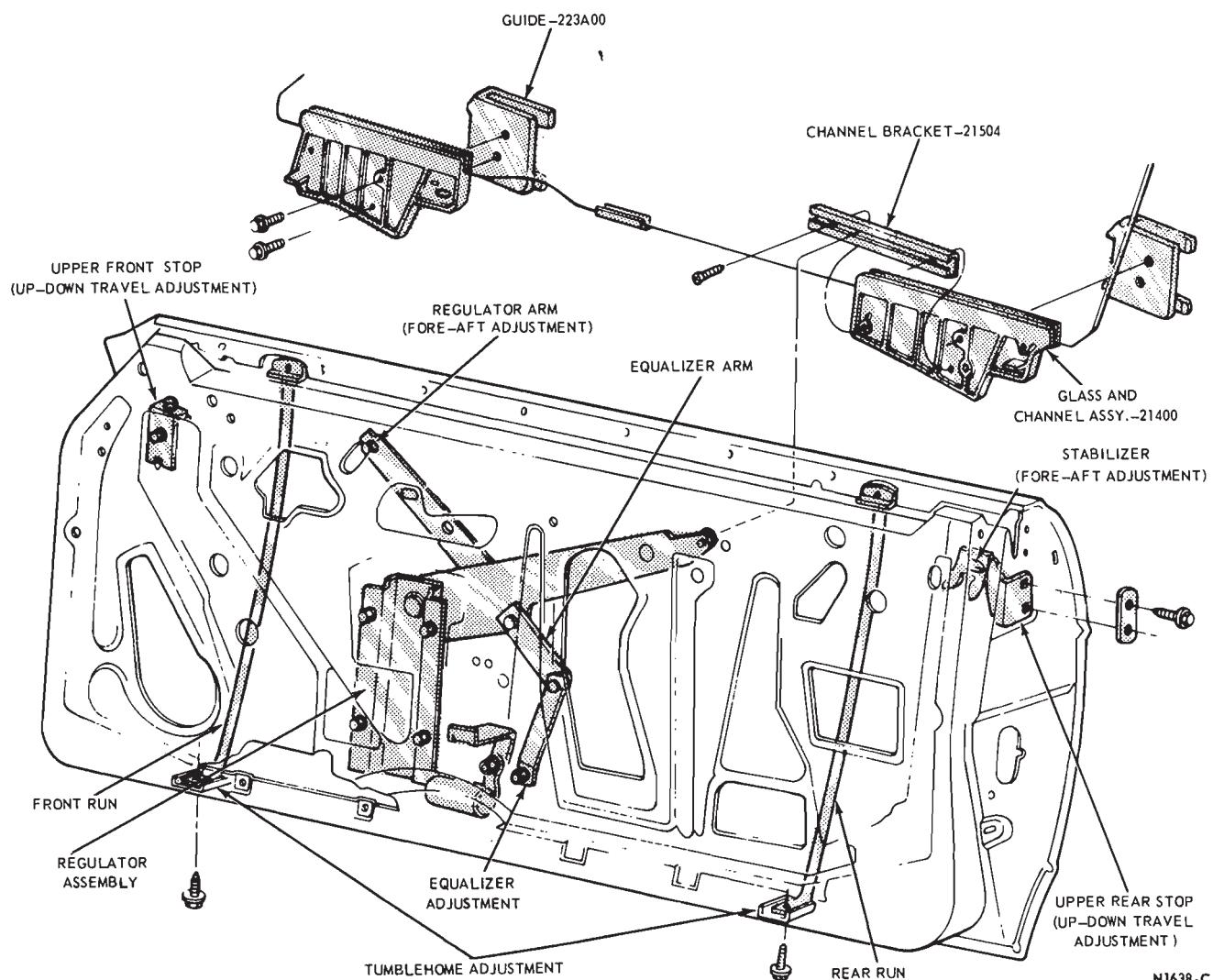
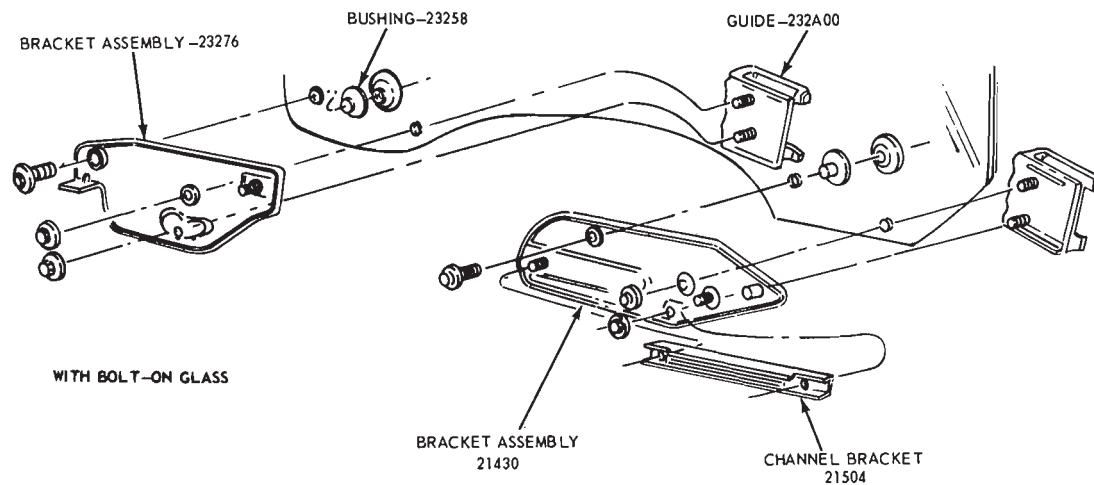
TUMBLEHOME (IN-OUT TILT)

1. Loosen the front and rear run retainer attaching screws (Figs. 4 and 5).

2. With the glass up, position the glass inboard or outboard as required to obtain proper engagement of the glass with the roof rail weatherstrip and a flush fit with the quarter window glass. Then, tighten the two retainer attaching screws.

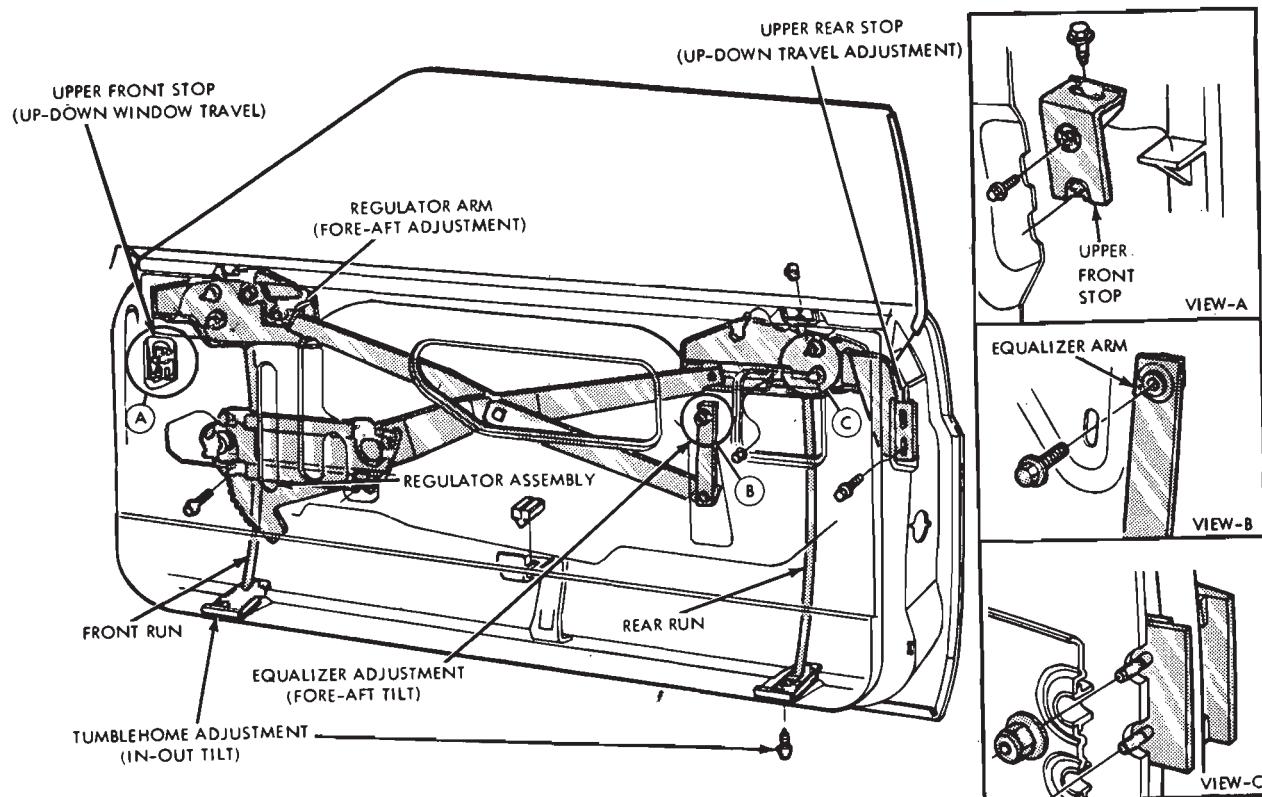
3. Raise and lower the glass to be sure it is free of binds. If any binding is detected, lower the glass and loosen the front run retainer attaching screw. This will correct any misalignment of the front run with the rear run. Tighten the front run retainer attaching screw.

If the above procedures do not give a satisfactory window adjustment, remove the door trim panel and perform the following adjustments:

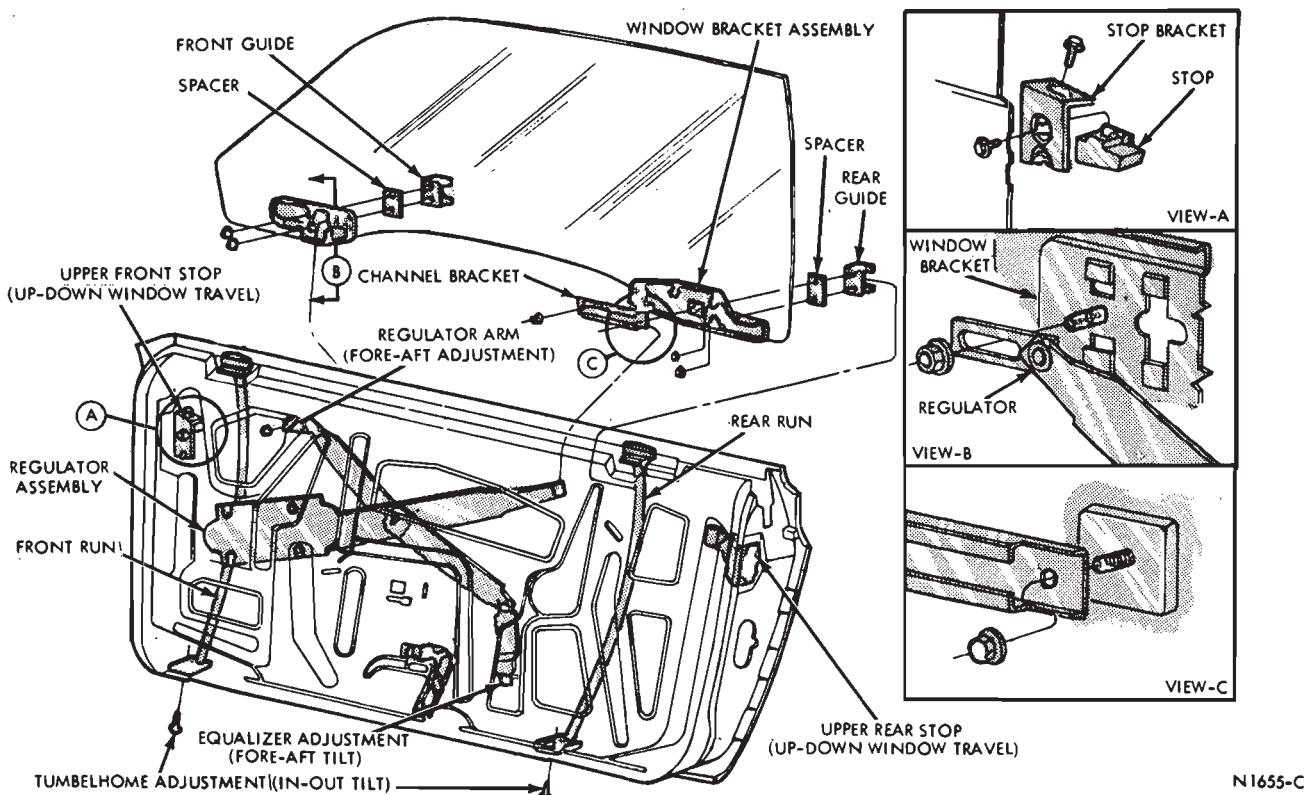


N1638-C

FIG. 2—Front Door Ventless Window Glass Mechanism—Ford, Mercury and Meteor



N1740-B
FIG. 3—Front Door Ventless Window Glass Mechanism—Mustang and Cougar



N1655-C
FIG. 4—Front Door Ventless Window Glass Mechanism—Fairlane and Montego—Models 63, 65, 66 and 76

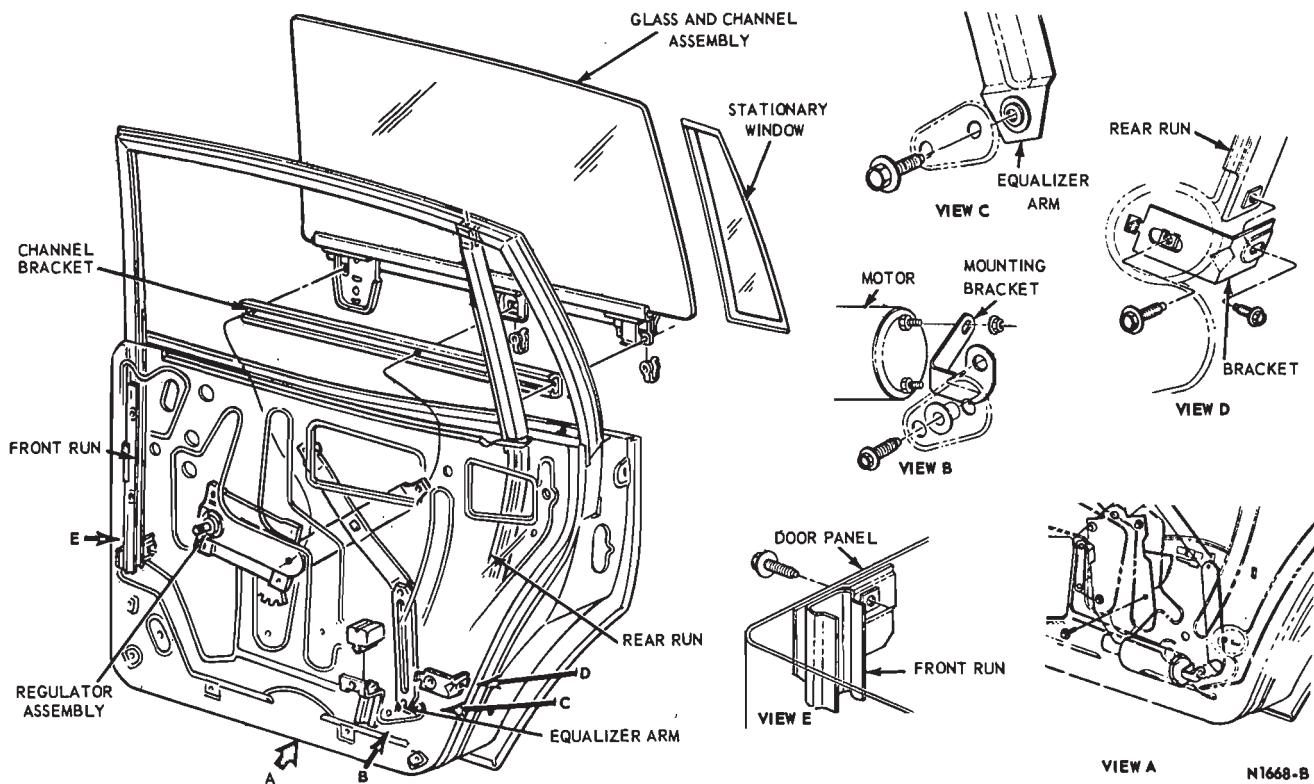


FIG. 5—Front Ventless Window Glass Mechanism—Thunderbird

FORE-AFT ADJUSTMENT

With the glass in the full up position, loosen the nut on the front regulator arm (Figs. 5 and 6). Move the glass fore or aft as required and tighten the nut.

UPPER STOP ADJUSTMENT (COMPLETE)

Loosen both the upper front stop and upper rear stop retaining screws. With the window in the up position, move both stops against the channel bracket and tighten the stop attaching bolts.

EQUALIZER ADJUSTMENT

With the window up, loosen the equalizer arm attaching nut. Move the equalizer up or down until the glass is parallel with the roof rail weatherstrip. Tighten the equalizer attaching nut.

FRONT DOOR WINDOW GLASS ADJUSTMENT—FALCON, FAIRLANE, AND MONTEGO MODELS 54 AND 71

- Remove the trim panel and watershield from the door.

- To obtain proper alignment of the rear run to the vent window division bar and front run, loosen the nut and washer assembly (Figs. 7 and 8) and the screw.

- Lower the glass until the top edge of the glass is four inches above the belt line. Turn the screw (Figs. 7 and 8) clockwise or counterclockwise as required to bring the front run into alignment with the rear run. Then, tighten the nut and the screw to 8-23 ft-lb torque.

- To obtain a flush condition between the top edge of the glass and the belt line when the glass is down, loosen the two lower stop attaching screws (Figs. 7 and 8).

- Move the glass to a flush position with the belt line. Then, position the lower stop against the glass channel and tighten the attaching screws (Figs. 7 and 8) to 8-23 ft-lb torque.

FRONT DOOR WINDOW GLASS ADJUSTMENT—FALCON MODEL 62

- Remove the door trim panel and peel back the watershield to provide access. Refer to Fig. 9 for the following adjustments.

- To obtain proper alignment of the lockside glass run retainer assem-

bly to the door window frame and vent window division bar with the retainer, loosen the nut and washer assembly retaining the front run and the screw and washer assembly retaining the rear run. Drop the top edge of the glass and channel assembly to approximately four inches above the door outer panel belt line. Turn the screw at the bottom of the front run clockwise or counterclockwise as required. Tighten the run retaining screws.

- To obtain a flush condition between the top edge of the glass and channel assembly and the belt line when the window is in the down position, the stop assembly is adjusted up or down at the lower stop bracket. After adjustment, tighten the lower stop bracket retaining screw and washer assemblies securely.

- Install the watershield and trim panel on the door.

FRONT DOOR WINDOW GLASS ADJUSTMENT—FORD, MERCURY AND METEOR MODELS 54, 62 AND 71

- To properly align the run and retainer assemblies with the door window frame and vent window division bar so that the window does not

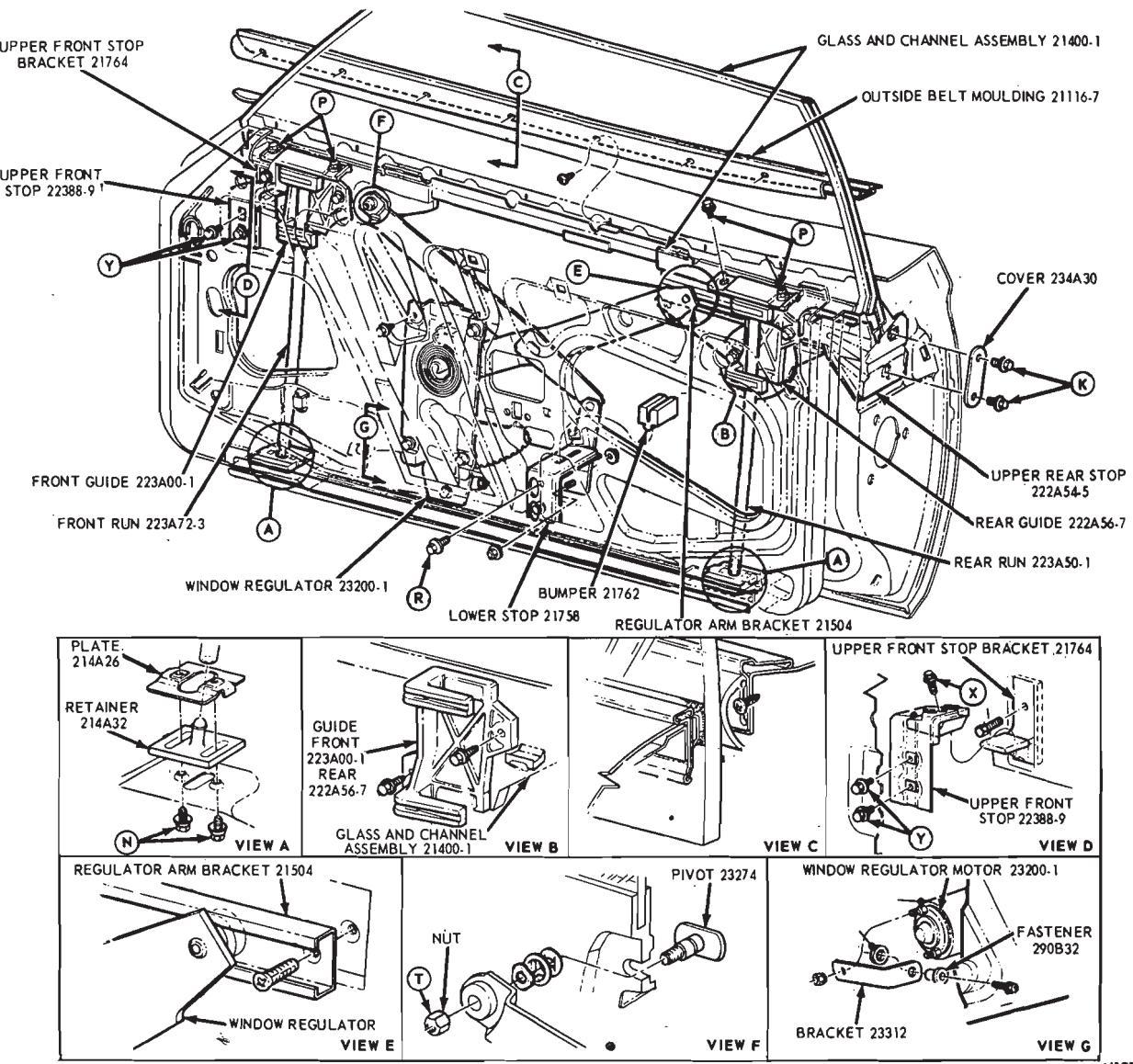


FIG. 6—Door Ventless Window Glass Mechanism—Continental Mark III

bind, yet maintain a snug fit, loosen the screw and washer assemblies retaining the front and rear runs (Fig. 10).

2. Lower the window so that the top of the glass is approximately four inches above the belt line, thus permitting the assemblies to seat.

3. Tighten the screw and washer assemblies (Fig. 10).

FRONT DOOR GLASS ADJUSTMENT—MAVERICK

1. Remove the door trim panel and weathersheet.

2. To obtain proper alignment of the glass runs to the door frame, raise the window to the up position. Loosen the front and rear run lower retaining screws (Fig. 19). Cycle the

window up and down to assure a good window fit, then tighten the run retaining screws.

REAR DOOR WINDOW GLASS ADJUSTMENT—FALCON

1. Remove the door trim panel and watersheet.

2. To obtain proper alignment of retainer and division bar assembly-to-door-window frame, loosen the nut and washer assembly retaining the rear run retainer to the door inner panel (Fig. 11). Drop the glass and channel assembly to its down position and turn the adjusting screw (Fig. 11) clockwise or counterclockwise as required. Tighten nut and washer assembly securely (Fig. 11).

3. Install the watersheet and door

trim panel.

REAR DOOR WINDOW GLASS ADJUSTMENT—LINCOLN CONTINENTAL, FORD, MERCURY AND METEOR MODELS 53 AND 57

The tumblehome (in-out tilt) adjustment of the door glass and the upper stops of the window mechanism can be adjusted without removing the door trim panel. These adjustments can be performed as follows:

UPPER FRONT STOP

1. Raise the glass to the full up position.
2. Loosen the two stop attaching screws (Fig. 12).

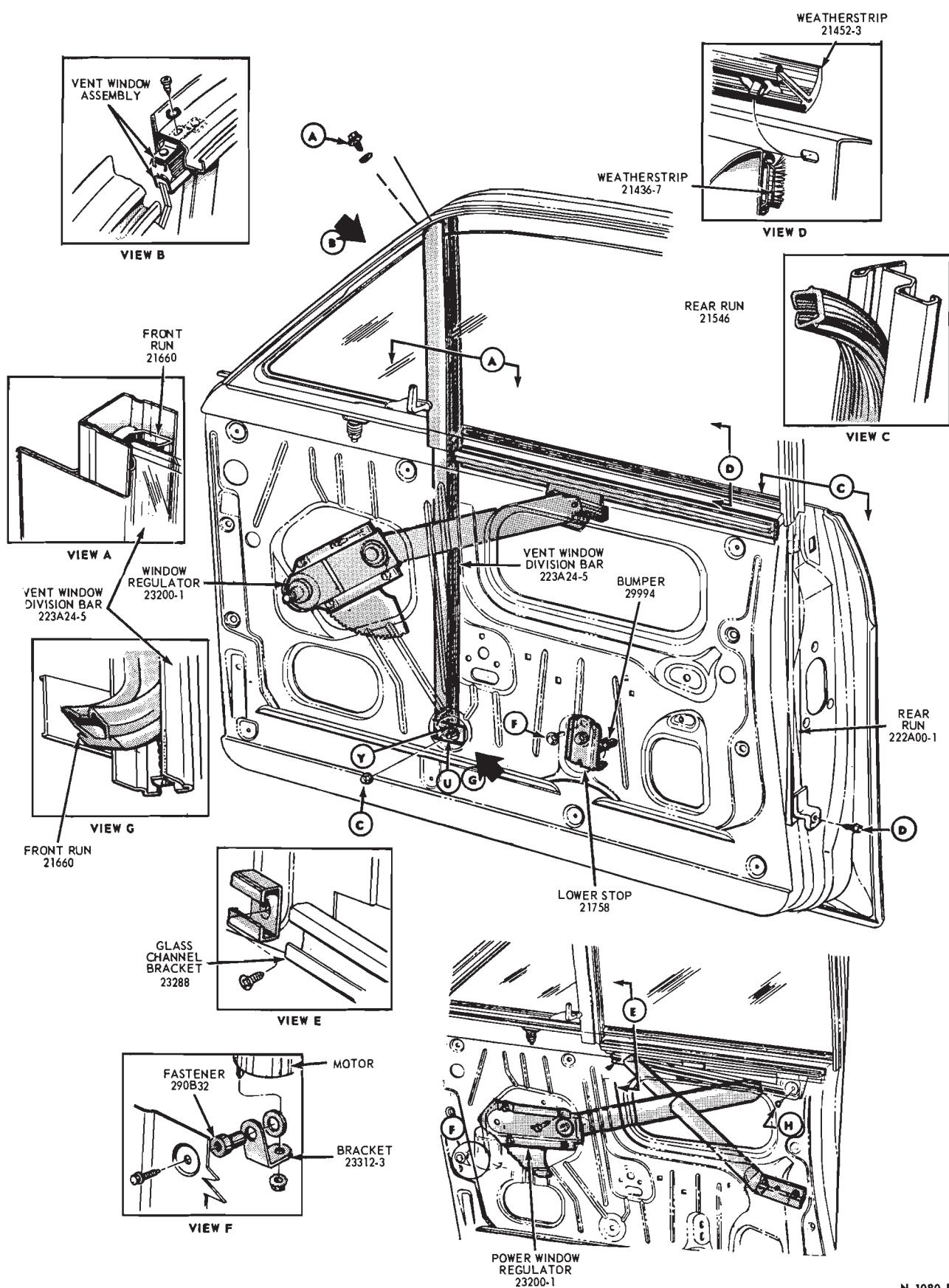


FIG. 7—Front Door Window Mechanism—Fairlane and Montego Model 71

N 1080-E

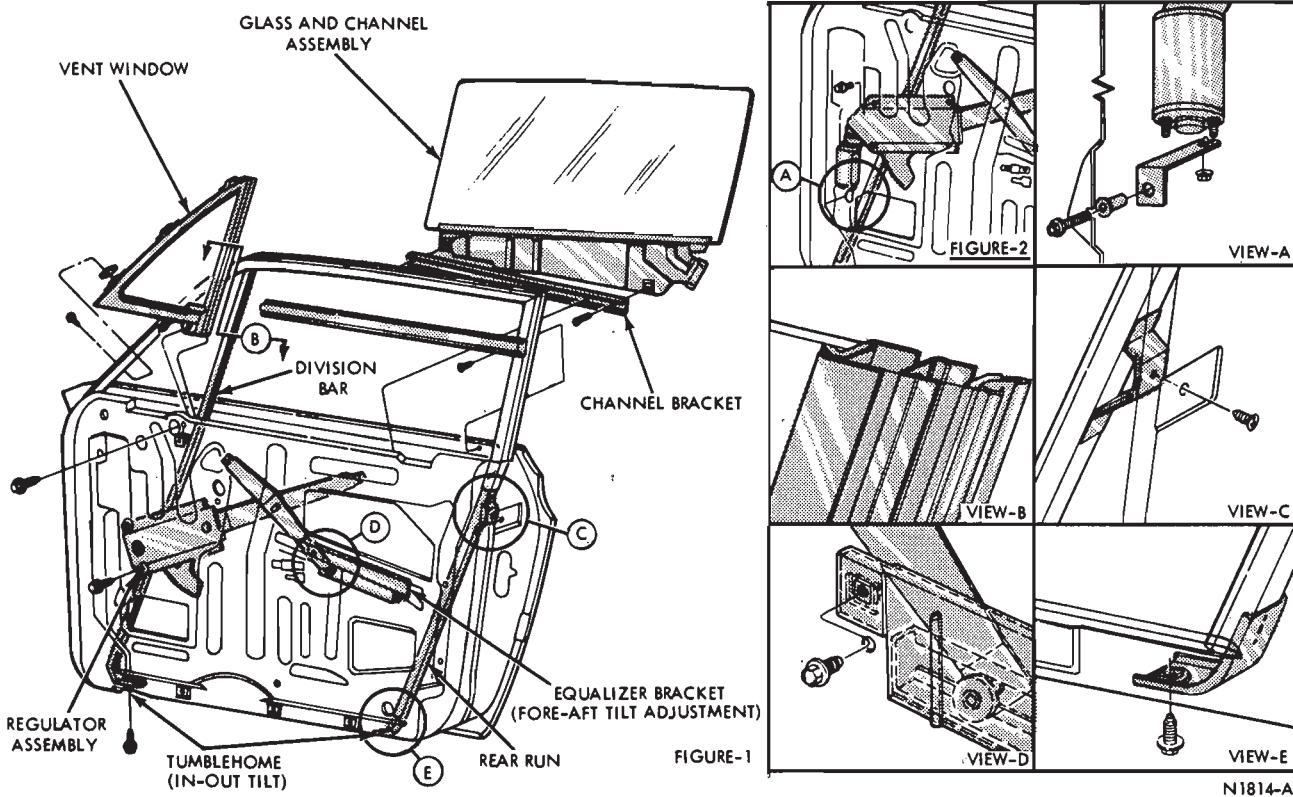


FIG. 8—Front Door Window Mechanism—Fairlane and Montego Model 54

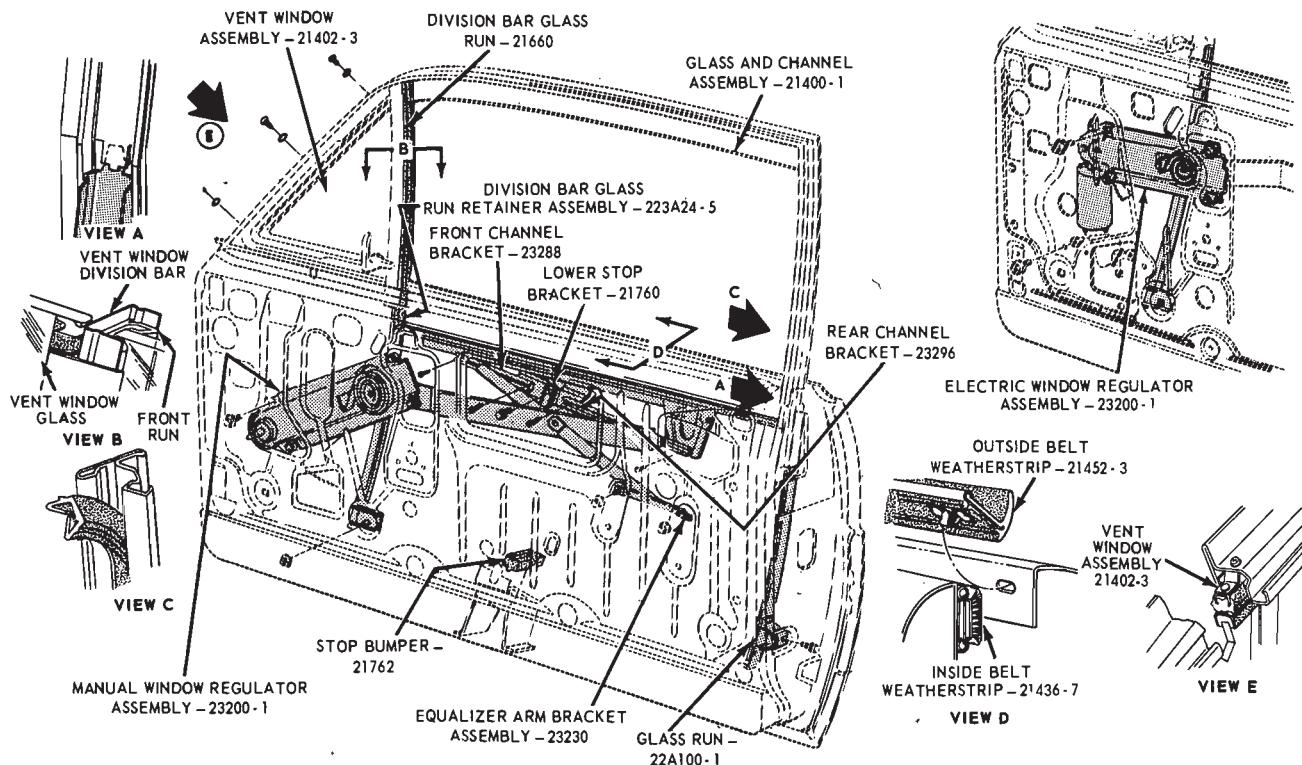
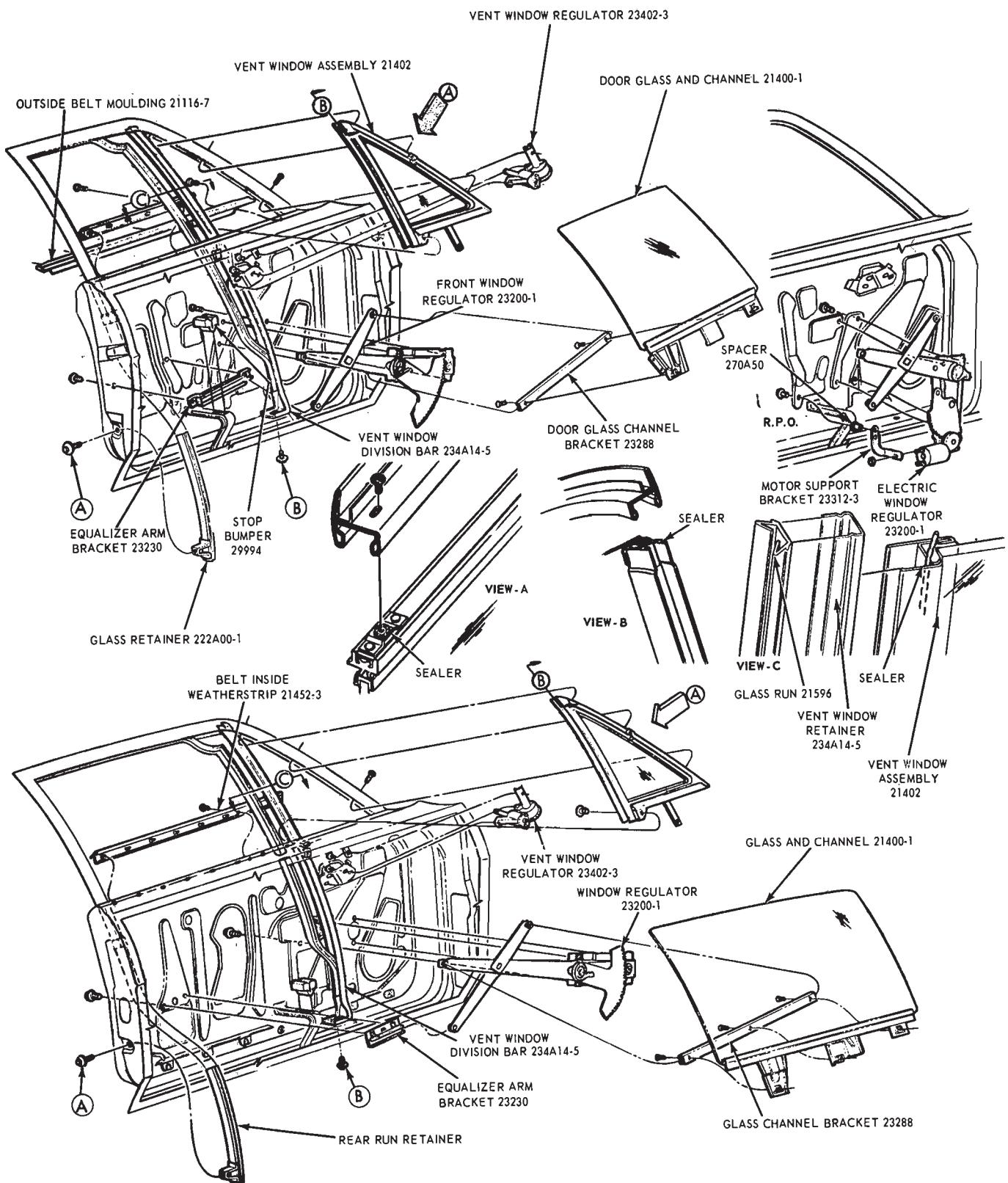


FIG. 9—Door Window Mechanism—Falcon—Model 62



N1637-B

FIG. 10—Front Door Window Glass Mechanism—Ford, Mercury and Meteor Models 54, 62 and 71

front stop, or the in and out position of the glass top edge.

UPPER FRONT STOP

With the glass in the up position, loosen the upper front stop attaching bolts. Move the stop firmly against the channel and tighten the stop attaching bolts.

TUMBLEHOME (IN-OUT TILT)

Loosen the front run retaining screw at the bottom of the run (Fig. 13). Then loosen the rear run lower retaining screw. Move the glass in or out as required and tighten the run retaining screws.

If the above procedures do not give a satisfactory window adjustment, remove the door trim panel and perform the following adjustments:

FORE-AFT ADJUSTMENT

With the window in the up position, loosen the nut retaining the re-

gulator arm to the channel bracket (Fig. 13). Move the glass fore or aft as required and tighten the nut.

EQUALIZER ADJUSTMENT (FORE-AFT TILT)

Loosen the bolt retaining the equalizer arm to the door inner panel. Move the equalizer arm up or down until the glass is parallel with the roof rail weatherstrip. Tighten the attaching bolt.

REAR DOOR WINDOW GLASS ADJUSTMENT—FAIRLANE AND MONTEGO—MODEL 54

The rear door window glass can be adjusted inboard or outboard in the glass run without removing the trim panel from the door. Loosen the screw and washer assemblies at the bottom of each run (Fig. 14) and position the glass as required in the glass run. Then, tighten the screw and washer assemblies securely.

REAR DOOR WINDOW GLASS ADJUSTMENT—FORD, MERCURY AND METEOR MODELS 54 AND 71

1. Loosen the two screw and washer assemblies which retain the rear run (Fig. 15).

2. Position the glass so that the top edge of the glass is approximately four inches above the belt line.

3. Tighten the screw and washer assemblies securely.

REAR DOOR WINDOW GLASS ADJUSTMENT—FAIRLANE AND MONTEGO—MODEL 71

1. Remove the trim panel and watershield from the door.

2. Loosen the screw and washer assemblies retaining the rear run lower bracket and the front run retaining bracket (Fig. 16).

3. Raise the window glass to the full up position. Tighten the two screw and washer assemblies (Fig. 16) securely.

2 REMOVAL AND INSTALLATION

FRONT DOOR WINDOW GLASS—FALCON MODELS 54 AND 71

REMOVAL

1. Remove the trim panel and watershield from the door.
2. Remove the lower stop from the door (Fig. 7).
3. Remove the vent window division bar lower adjusting screw and nut (Fig. 7).
4. Lower the glass and remove the front run and retainer from the vent window division bar.
5. Rotate the glass and channel assembly 90 degrees and remove the glass and channel assembly from the door.
6. Remove the glass channel from the glass with the tool shown in Fig. 17.

INSTALLATION

1. Install the glass in the glass channel with the tool shown in Fig. 17.
2. Lubricate the window mechanism as outlined in Section I.

3. Position the glass and channel assembly in the door and insert the regulator arm roller in the glass channel bracket (Fig. 10).

4. Install the front run and retainer in the vent window division bar and insert the glass in the glass runs.

5. Install the vent window division bar lower adjusting screw and nut.

6. Install the lower stop and adjust the door window glass mechanism.

7. Install the watershield and trim panel on the door.

FRONT DOOR WINDOW GLASS—FALCON MODEL 62

REMOVAL

1. Remove the trim panel and position the watershield away from the access holes.

2. After removing the stop (Fig. 9), lower the glass until the regulator arm roller is out of the glass channel.

3. Unsnap and remove the belt weatherstrips, loosen the front run attaching bolt at the mounting bracket, and remove the bracket attaching bolt from the inner panel.

4. Remove the front run from the

- division bar by pulling rearward on the edges of the run.

5. Remove the glass.

INSTALLATION

1. Using the tool shown in Fig. 17, remove the channel from the glass.

2. Install the channel, using new glass tape.

3. Simultaneously, position the glass and run in the door, and install the belt weatherstrips.

4. Position the regulator arm roller in the channel, and finally position the run in the division bar.

5. Connect the run and bracket, making necessary lateral adjustment.

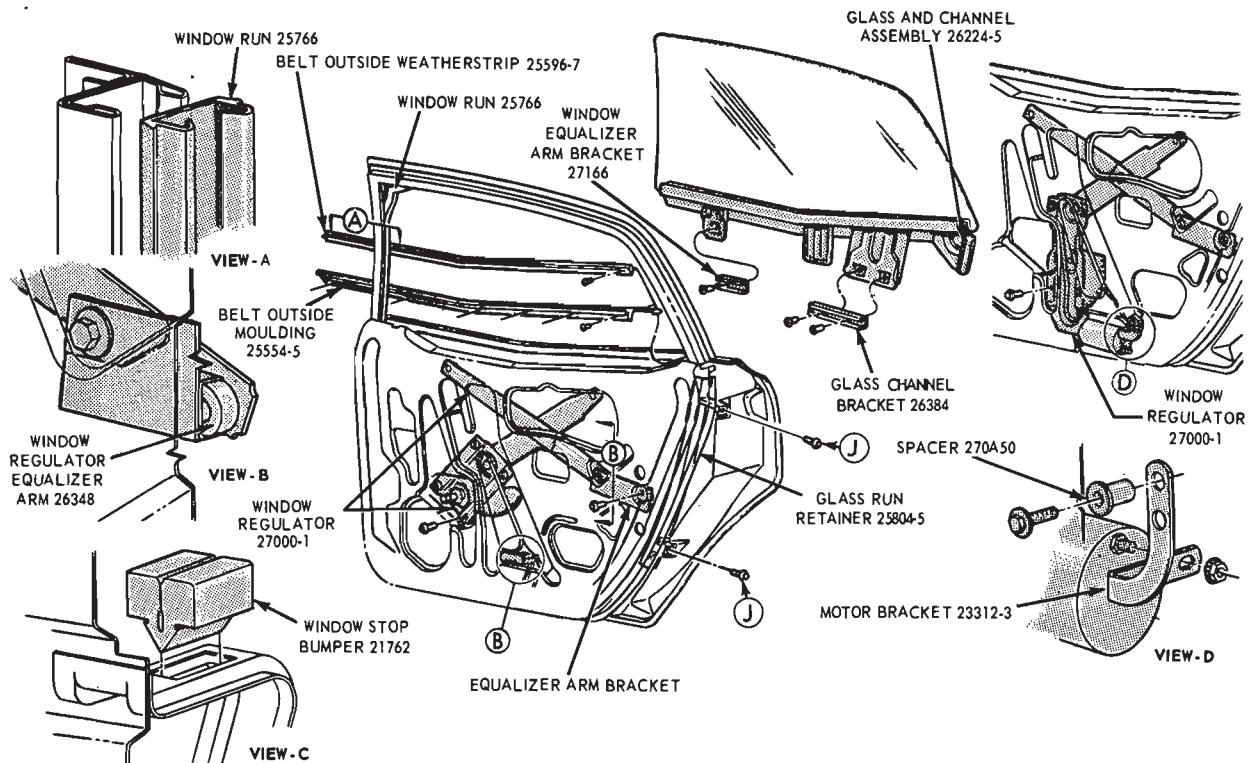
6. Install the stop, making necessary adjustment.

7. Carefully position the watershield, the inner panel, and install the trim panel.

FRONT DOOR WINDOW GLASS—MONTEGO AND FAIRLANE—MODELS 54 AND 71

REMOVAL

1. Remove the trim panel and wat-



N1744-A

FIG. 15—Rear Door Window Glass Mechanism—Ford, Mercury and Meteor Models 54 and 71

GLASS AND CHANNEL REMOVAL TOOL (NO. 2900)
AVAILABLE FROM SOMMER AND MALA GLASS
MACHINE COMPANY, 5501 W. OGDEN AVENUE,
CHICAGO 50, ILLINOIS

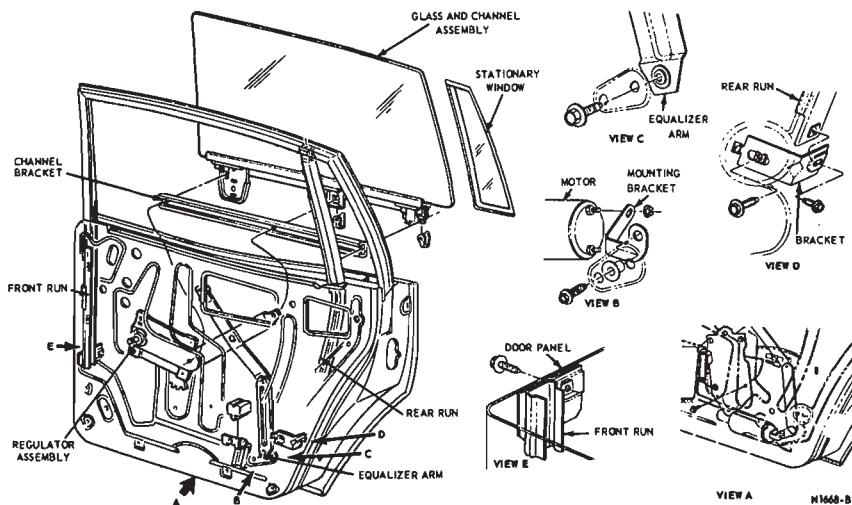


FIG. 16—Rear Door Window Adjustment—Fairlane and Montego Model 71

ershield from the door.

2. Remove the rubber bumper from the lower stop.

3. Lower the window and unsnap

the inside belt weatherstrip from the door.

4. Remove the vent window division bar lower adjusting screw and

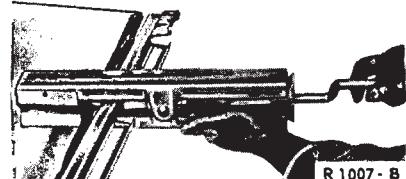


FIG. 17—Glass Channel Replacement

nut (Figs. 7 and 8).

5. Pull the front run and retainer from the vent window division bar.

6. Rotate the glass and channel assembly 90 degrees and remove the glass and channel assembly from the door.

7. Remove the glass channel from the glass with the tool shown in Fig. 17.

INSTALLATION

1. Install the glass in the glass channel with the tool shown in Fig. 17.

2. Lubricate the window mechanism as outlined in Part 42-01.

3. Position the glass and channel assembly in the door and insert the regulator arm roller in the glass channel bracket (Figs. 7 and 8).

4. Install the belt weatherstrip in the door.

5. Install the front run and retainer in the vent window division bar and insert the window glass in the glass runs.

6. Install the vent window division bar lower adjusting screw and nut.

7. Install the rubber bumper in the lower stop and adjust the door window glass mechanism.

8. Install the watershield and trim panel on the door.

FRONT DOOR WINDOW GLASS—POWER WINDOWS—MONTEGO AND FAIRLANE—MODEL 71

REMOVAL

1. Remove the trim panel and watershield from the door.

2. Remove two screws attaching the regulator arm roller bracket to the door inner panel and remove the bracket.

3. Disconnect the motor wires at the connector.

4. Remove the motor bracket-to-door inner panel attaching screw (Figs. 7 and 8).

5. Remove the glass lower stop from the door.

6. Remove the nut and washer from the vent window division bar lower adjusting screw.

7. Remove four screws attaching the window regulator to the door inner panel. Support the glass and channel assembly and lay the regulator in the bottom of the door panel.

8. Remove the front run and retainer from the vent window division bar.

9. Remove three screws retaining the vent window assembly in the door and remove the vent window assembly from the door.

10. Remove the glass and channel assembly from the door.

11. Remove the glass from the channel with the tool shown in Fig. 17.

INSTALLATION

1. Install the glass in the glass channel with the tool shown in Fig. 17.

2. Lubricate the window mecha-

nism as shown in Part 42-01.

3. Position the glass and channel assembly in the door.

4. Position the vent window assembly to the door and install the three retaining screws (Figs. 7 and 8).

5. Position the front run and retainer into the door. Then, place the glass in the front and rear runs and insert the front run into the vent window division bar.

6. Support the glass and insert the regulator arm rollers into the glass channel bracket.

7. Position the window regulator to the door inner panel and install the four attaching screws.

8. Insert the regulator arm roller in the regulator arm roller bracket. Position the roller bracket to the door inner panel and install the two attaching screws.

9. Install the washer and nut on the vent window division bar lower adjusting screw (Figs. 7 and 8).

10. Install the motor bracket-to-door inner panel attaching screw (Figs. 7 and 8) and connect the motor wires.

11. Install the window glass lower stop and adjust the door window glass.

12. Install the watershield and trim panel on the door. Then, clean the glass and surrounding area.

FRONT DOOR WINDOW GLASS—FAIRLANE AND MONTEGO—MODEL 57

REMOVAL

1. Remove the trim panel and weathersheet.

2. Remove the belt line dust seal at the rear of the door.

3. Remove the outside belt weatherstrip.

4. Remove the front and rear screws attaching the glass and bracket assembly to the channel bracket (Fig. 4).

5. Slide the glass and bracket assembly out of the door through the rear notch. Remove the glass and bracket assembly to a bench.

6. Remove the nuts, bolts and bushings from the glass and bracket assembly.

7. Remove the brackets from the glass. Remove and discard the rubber spacers from the brackets.

INSTALLATION

1. Position new rubber spacers on the glass. Position the brackets on the

glass and install the bolts, bushings and nuts. Torque the bolts to 40-90 in-lbs. Be sure that the spacers are properly positioned flat against the glass. Wrinkled or crimped spacers can cause cracked windows.

2. Slide the glass assembly into position through the notch in the rear of the door.

3. Position the channel bracket to the glass assembly and install the front and rear glass bracket-to-channel bracket attaching screws.

4. Install the outside belt weatherstrip.

5. Install the dust seal at the rear notch of the door.

6. Adjust the window as required.

7. Install the weathersheet and trim panel.

FAIRLANE AND MONTEGO—MODEL 54

REMOVAL

1. Remove the door trim panel and peel back the watershield.

2. Remove both rear run retainers located at the mid point of the door and at the bottom of the run.

3. Lower the window one third of the way down.

4. Remove the screws retaining the glass channel bracket (Fig. 8) to the glass channel and lower the window down in the door.

5. Remove the belt line weatherstrip.

6. Move the window down in the door, tilt it nearly 90 degrees forward and remove it up and out of the window opening while tilting it slightly inward.

INSTALLATION

1. Position the glass assembly in the door.

2. Install the belt line weatherstrip.

3. Position the glass channel bracket to the glass channel and install the retaining screws.

4. Install the rear run retainers.

5. Install the window lower stop bumper.

6. Install the watershield and door trim panel.

FRONT DOOR WINDOW GLASS—FORD, MERCURY AND METEOR MODELS 54, 62 AND 71

REMOVAL

1. Remove the door trim panel and peel back the watershield.

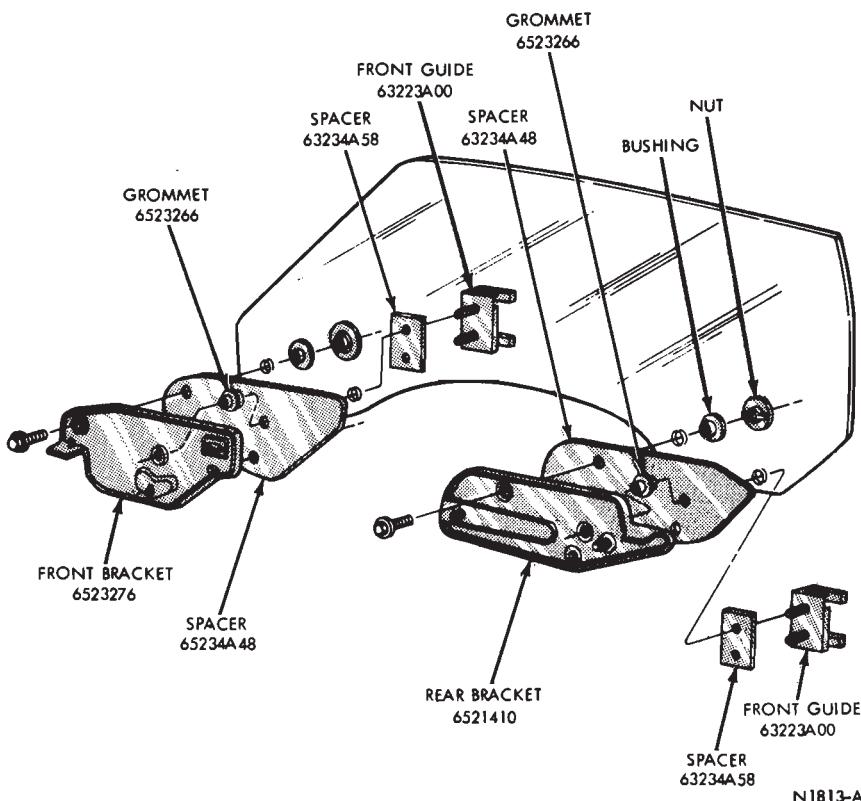


FIG. 18—Front Door Glass—Bolt-On Type—Fairlane and Montego

2. Remove the rear run retainer.
3. Lower the window one third of the way down.
4. Remove the screws retaining the glass channel bracket (Fig. 10) to the glass channel and lower the window down in the door.
5. Remove the belt line weatherstrip.
6. Move the window down in the door, tilt it nearly 90 degrees forward and remove it up and out of the window opening while tilting it slightly inward.
7. Remove the glass channel from the glass using a removal tool such as shown in Fig. 17.

INSTALLATION

1. Install the glass channel on the glass using a tool such as shown in Fig. 17.
2. Position the glass assembly in the door.
3. Install the belt line weatherstrip.
4. Position the glass channel bracket to the glass channel and install the retaining screws.
5. Install the rear run retainer.
6. Install the window lower stop bumper.
7. Install the watershield and door trim panel.

for the stop tabs when removing the glass and bracket assembly. To remove the glass, lift the glass straight up, allowing the tabs on the bracket to pass through the recess provided at the front and rear of the glass opening.

9. Place the glass and bracket assembly on a bench and remove the nuts, bolts and neoprene bushings from the glass and bracket (Fig. 18). Remove the brackets from the glass and remove the rubber spacers from the brackets and discard the spacers. Also, remove and discard the spacers from the window guides.

INSTALLATION

1. Position new spacers on the glass and place the brackets over the gasket. Be sure the spacers lie flat against the glass. Wrinkled or crimped spacers can cause window cracking.

2. Install the neoprene bushings, bolts and nuts to attach the glass to the brackets. Torque the bolts to 40-90 in-lbs. Be sure that there is no dirt or broken glass in the bracket bolt hole indentations. Particles of dirt or glass can cause uneven torque which can result in cracked glass.

3. Insert the glass and bracket assembly into the door.

4. Lubricate the window mechanism as shown in Part 42-01.

5. Position the window regulator arm to the glass bracket and install the pivot and retaining nut (Fig. 4).

6. Position the glass channel bracket to the regulator arm roller and the glass channel. Install the two glass channel bracket attaching screws.

7. Install new spacers on the front and rear guides. Position the front and rear guides to the glass brackets and install the attaching nuts (Fig. 4). Torque the nuts to 40-90 in-lbs.

8. Install the upper front stop bracket and the upper rear stop (Fig. 4).

9. Adjust the window mechanism.

10. Install the watershield and trim panel on the door.

FRONT DOOR WINDOW VENTLESS GLASS—LINCOLN CONTINENTAL, FORD, MERCURY, METEOR, MUSTANG AND COUGAR

REMOVAL

1. Remove the door trim panel and watershield.

2. Remove the front and rear guides from the glass bracket (Figs. 2 and 3).

3. Remove the front stop and bracket (Figs. 2 and 3).

4. Remove the rear stop from the door.

5. Disconnect the window regulator arm from the glass channel or bracket at the pivot (Figs. 2 and 3).

6. Remove the drive arm bracket from the glass channel or bracket (Figs. 2 and 3).

7. Remove the belt weatherstrip(s) from the door.

8. Remove the glass and channel or bracket assembly.

9. If equipped with bolt-on glass, place the glass and bracket assembly on a bench and remove the nuts, bolts and neoprene bushings from the glass and bracket. Remove the brackets from the glass and remove the rubber spacers from the brackets and discard the spacers. Also, remove and discard the spacers from the window guides.

INSTALLATION

1. If equipped with bolt-on glass, position new spacers on the glass and place the brackets over the gasket. Be sure the spacers lie flat against the glass. Wrinkled or crimped spacers can cause window cracking.

2. Install the neoprene bushings, bolts and nuts to attach the glass to the brackets. Torque the bolts to 40-90 in-lbs. Be sure that there is no dirt or broken glass in the bracket bolt hole indentations. Particles of dirt or glass can cause uneven torque which can result in cracked glass.

3. Position the glass and channel assembly in the door.

4. If equipped with bolt-on glass, install new spacers on the guides. Slide the guides on the glass runs and attach the guides to the glass channel or bracket (Figs. 2 and 3). With bolt-on glass, torque the retaining nuts 40-90 in-lbs.

5. Install the belt weatherstrip(s).

6. Connect the window regulator arm to the glass channel at the pivot (Figs. 2 and 3).

7. Place the drive arm bracket on the regulator arm roller and attach the bracket to the glass channel.

8. Install and adjust the front and rear stops.

9. Install the watershield and door trim panel.

DOOR WINDOW VENTLESS GLASS—CONTINENTAL MARK III AND THUNDERBIRD

REMOVAL

1. Remove the trim panel and watershield from the door.

2. Remove three screws attaching the lock pillar seal to the door at the belt line and remove the seal.

3. Remove two screws attaching the lower stop to the door inner panel and remove the stop.

4. Lower the glass and remove eight screws attaching the belt-outside weatherstrip to the door, and remove the weatherstrip.

5. Raise the glass about half way and support it in that position.

6. Remove the nut from the regulator arm to glass channel pivot and remove the pivot (Figs. 5 and 6).

7. Remove the upper front stop bracket from the glass channel.

8. Remove two screws attaching the regulator arm drive bracket (Figs. 5 and 6) to the glass channel and remove the bracket.

9. Remove the upper rear stop upper attaching screw and loosen the lower attaching screw.

10. Remove two front guide attaching bolts and remove the front guide from the glass channel.

11. Remove two rear guide attaching bolts and remove the rear guide from the glass channel.

12. Remove the glass and channel assembly from the door.

INSTALLATION

1. Position the glass in the door and install the belt outside weatherstrip.

2. Raise the glass about half way and support it in that position.

3. Position the front and rear guides to the glass channels and install the attaching bolts (Figs. 5 and 6).

4. Position the regulator arm to the glass channel and install the nut (Fig. 6).

5. Install the upper front stop bracket on the glass channel.

6. Position the regulator arm drive bracket to the regulator arm roller and the glass channel and install the two attaching screws.

7. Remove the glass support and install the glass lower stop. Adjust the lower stop to contact the lower edge of the glass when the top of the glass is flush with the belt line.

8. Rotate the upper rear stop into position and install the one removed (upper) attaching screw. With the window in the up position, place the upper rear stop down against the glass channel and tighten the two screws K (Figs. 5 and 6). Be sure that the anti-rattle of the stop contacts the glass and channel assembly.

9. With the window up, position the upper front stop down against the stop bracket and tighten the two screws securely.

10. Position the lock pillar seal to the door and install the three attaching screws.

11. With the window in the up position, move the glass and channel fore or aft as required for alignment with the body. Then, tighten the nut T (Figs. 5 and 6) securely.

12. Position the front and rear runs inboard or outboard as required to properly position the glass to the belt outside weatherstrip. Then, tighten the run attaching screws and check the operation of the window. If high operating efforts are encountered, refer to step 1 of the Door Window Glass Adjustment.

13. Install the watershield and door trim panel.

FRONT DOOR WINDOW GLASS—MAVERICK

REMOVAL

1. Remove the door trim panel and weathersheet from the door.

2. Remove the bolts retaining the regulator assembly and lower the regulator assembly and glass assembly to the bottom of the door.

3. Disconnect the regulator arms from the channel and remove the glass and channel from the door.

4. Place the glass and channel on a bench and remove the nylon retainers (Fig. 19) which attach the glass to the channel and remove the glass.

INSTALLATION

1. Position the glass to the channel and install the nylon retainers.

2. Insert the glass and channel assembly into the door and connect the regulator arms rollers to the channel (Fig. 19).

3. Raise the regulator and glass assembly into position and install the regulator retaining bolts.

4. Adjust the window as required.

5. Install the weathersheet and door trim panel.

REAR DOOR WINDOW**GLASS—FORD, MERCURY AND METEOR—MODELS 54 AND 71****REMOVAL**

1. Remove the door trim panel and watershield.
2. Remove the lower window stop.
3. Remove the screws retaining the glass channel bracket to the glass channel.
4. Tilt the forward edge of the glass assembly up and remove the glass assembly from the door.
5. Using a tool such as shown in Fig. 17, remove the channel assembly from the glass.

INSTALLATION

1. Apply the new glass tape to the lower edge of the glass.
2. Install the glass into the channel, using a tool such as shown in Fig. 17.
3. Position the glass and channel assembly into the door.
4. Position the channel bracket to the glass channel and install the channel-bracket-to-channel retaining screws.
5. Install and adjust the lower glass stop.
6. Install the door watershield and trim panel.

REAR DOOR WINDOW**GLASS—LINCOLN CONTINENTAL, FORD, MERCURY AND METEOR MODELS 53 AND 57****REMOVAL**

1. Remove the door trim panel and watershield.
2. Remove the upper rear stop from the door (Fig. 12).
3. Remove the nut and bushing from the regulator arm to glass channel pivot (Fig. 12).
4. Remove the glass channel bracket from the glass channel.
5. Remove the rear dust cover.
6. Lower the glass and channel assembly and remove the belt outside weatherstrip.
7. Remove the front and rear guides from the glass channel and remove the glass and channel assembly from the door.

INSTALLATION

1. Lubricate the window mechanism as shown in Part 42-01.

2. Position the glass in the door and to the front and rear guides. Install the front and rear guide attaching screws.

3. Install the belt outside weatherstrip.
4. Position the glass channel bracket to the glass channel and window regulator arm roller and install the two attaching screws (Fig. 12).
5. Position the regulator arm to the glass channel pivot and install the bushing and retaining nut.
6. Install the glass upper rear stop (Fig. 12) and replace the dust cover.
7. Adjust the window mechanism.
8. Install the watershield and trim panel on the door.

REAR DOOR WINDOW**GLASS—FALCON MODELS 54 AND 71****REMOVAL**

1. Remove the door trim panel and watershield.
2. Remove the two screws retaining the regulator roller channel bracket to the lower window channel (Fig. 11).
3. Remove the lower stop assembly.
4. Remove the screw and nut retaining the rear run retainer and stationary glass. Move the run retainer and glass back and down in the door.
5. Remove the door belt, outside weatherstrip.
6. Tilt the door window down and then lift it out of the door.
7. Using a tool such as shown in Fig. 17, remove the glass from the lower channel.

INSTALLATION

1. Position new glass tape on the glass and, using a tool such as shown in Fig. 17, install the lower channel on the glass.
2. Position the glass and channel assembly in the door.
3. Position the rear run retainer and stationary glass assembly and install the retainer screw and nut.
4. Install the regulator roller channel bracket on the window channel.
5. Install the lower window stop.
6. Install the door trim watershield and the door trim panel.
7. Install the window outside belt weatherstrip.

REAR DOOR WINDOW**GLASS—FAIRLANE AND MONTEGO MODEL 54****REMOVAL**

1. Remove the trim panel and watershield from the door.
2. Support the glass and channel assembly. Remove three glass channel bracket attaching screws and separate the bracket from the glass channel.
3. Remove two screws attaching the glass channel to the front and rear roller carriers (Fig. 20) and lower the glass to the bottom of the door.
4. Remove the belt weatherstrips from the door.
5. Remove the glass and channel assembly from the door.

INSTALLATION

1. Lubricate the glass' mechanism as shown in Part 42-01.
2. Position the glass and channel assembly in the door.
3. Install the belt weatherstrip in the door.
4. Position the front and rear roller carriers to the glass channel and install the two attaching screws (Fig. 20).
5. Position the glass channel bracket to the glass channel and install the three attaching screws.
6. Check the operation of the window mechanism and install the watershield and trim panel on the door.

REAR DOOR WINDOW**GLASS—FAIRLANE AND MONTEGO—MODEL 57****REMOVAL**

1. Remove the trim panel and weathersheet.
2. Remove the front and rear dust seal from the upper side of the door.
3. Remove the upper rear stop from the door.
4. Remove the screws retaining the rear channel bracket to the glass and channel assembly and remove the bracket (Fig. 21).
5. Remove the two bolts retaining the front guide to the glass channel.
6. Remove the screws retaining the rear guide and bracket assembly and remove the guide assembly.
7. Remove the glass and channel assembly from the door.
8. Using a block of wood and a hammer, pound the vertical weatherstrip retainer and weatherstrip off the

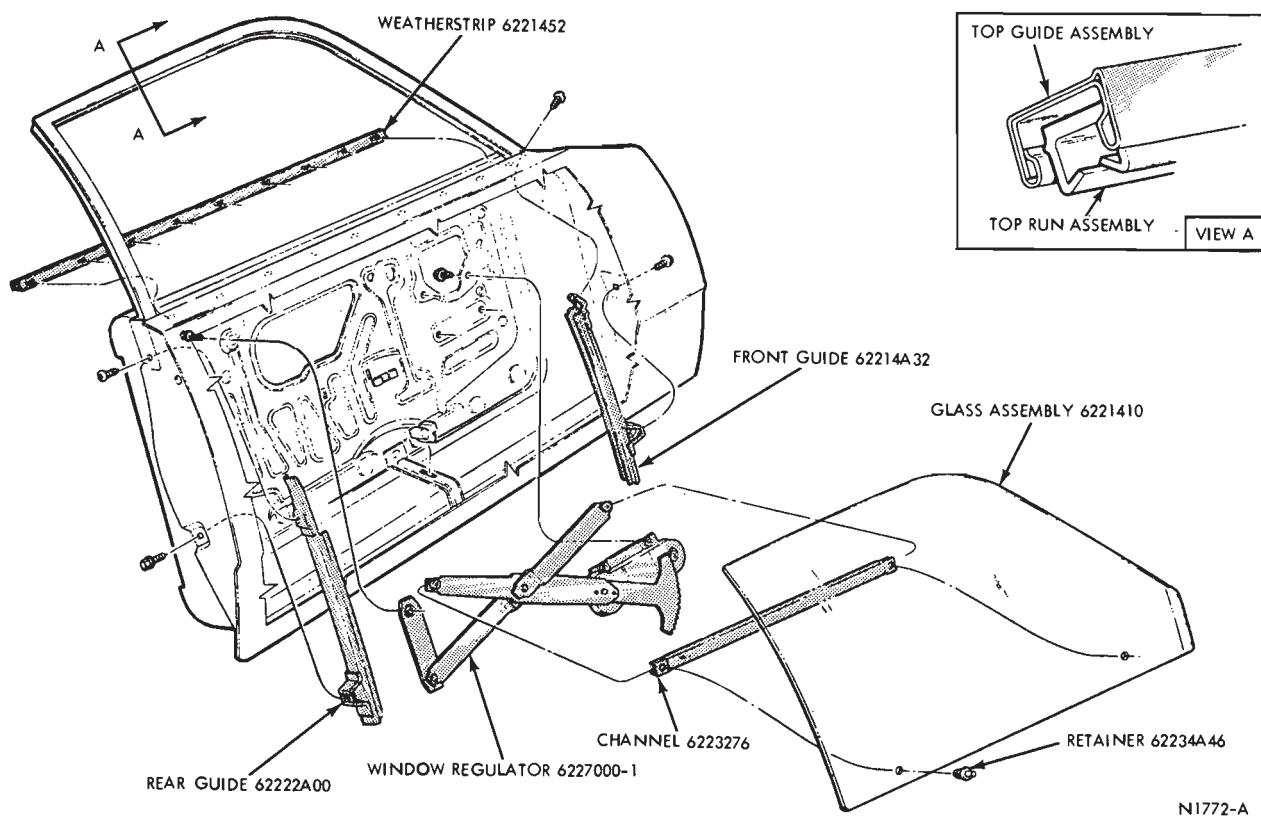


FIG. 19—Door Window Glass—Maverick

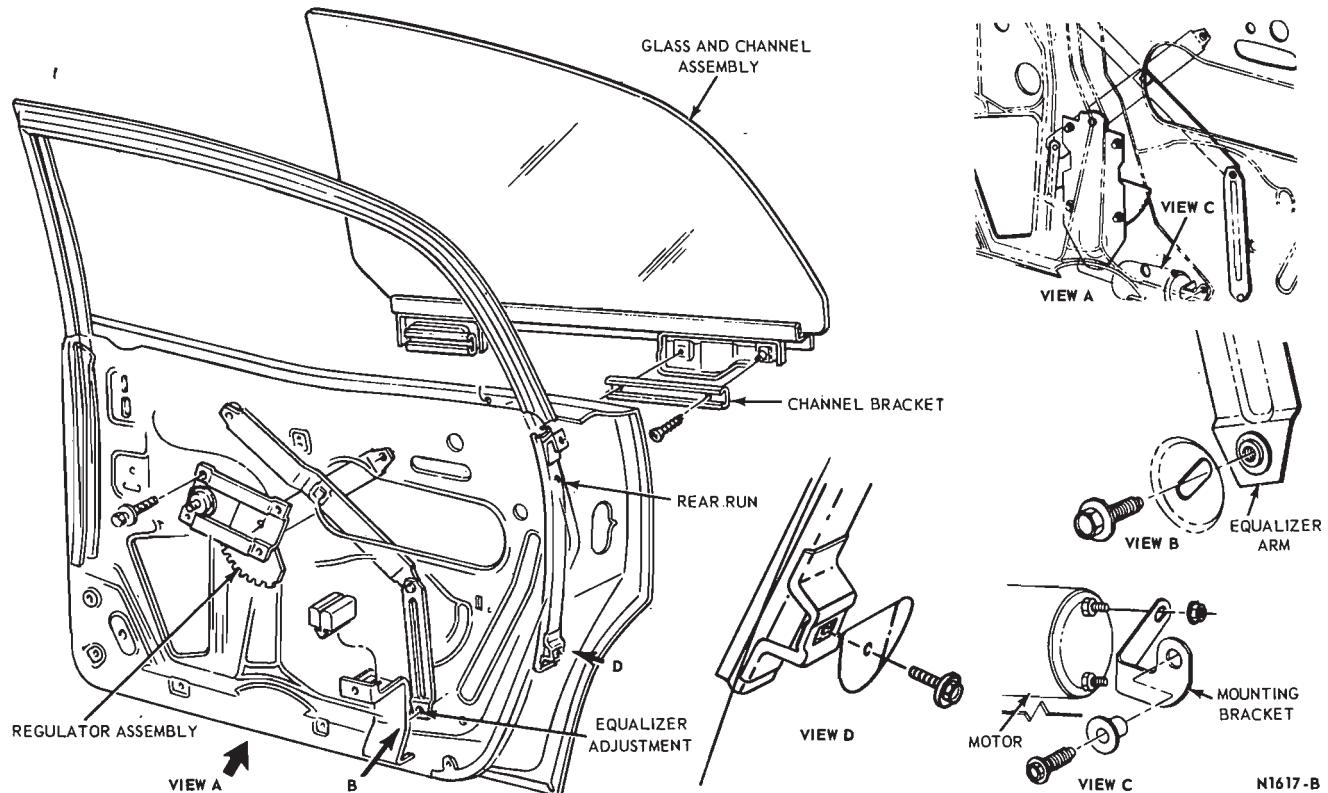


FIG. 20—Rear Door Window Mechanism—Fairlane and Montego—Model 54

front edge of the glass.

INSTALLATION

- Using everseal bonding tape, install the weatherstrip and retainer on the front edge of the glass. Be sure the top end of the retainer is at least 1/4 inch below the top edge of the glass.

- Position the glass and channel assembly in the door. Position the regulator arm to the front channel bracket.

- Position the rear guide and bracket in the door and install the retaining screws.

- Position the rear channel bracket on the glass and channel assembly and install the retaining screws.

- Position the front guide to the

glass channel assembly and install the retaining bolts.

- Install the upper rear stop on the channel assembly.

- Install the front and rear dust covers.

- Adjust the window as required.

- Install the weathersheet and trim panel.

REAR DOOR WINDOW GLASS—POWER WINDOWS—FAIRLANE AND MONTEGO MODEL 71

REMOVAL

- Remove the trim panel and watershield from the door.

- Remove one screw attaching the division bar to the division bar lower

bracket (Fig. 22).

- Remove one screw attaching the division bar lower bracket to the door inner panel and remove the bracket.

- Remove the division bar upper attaching screw (Fig. 22).

- Lower the window glass and remove the division bar and rear run assembly from the door.

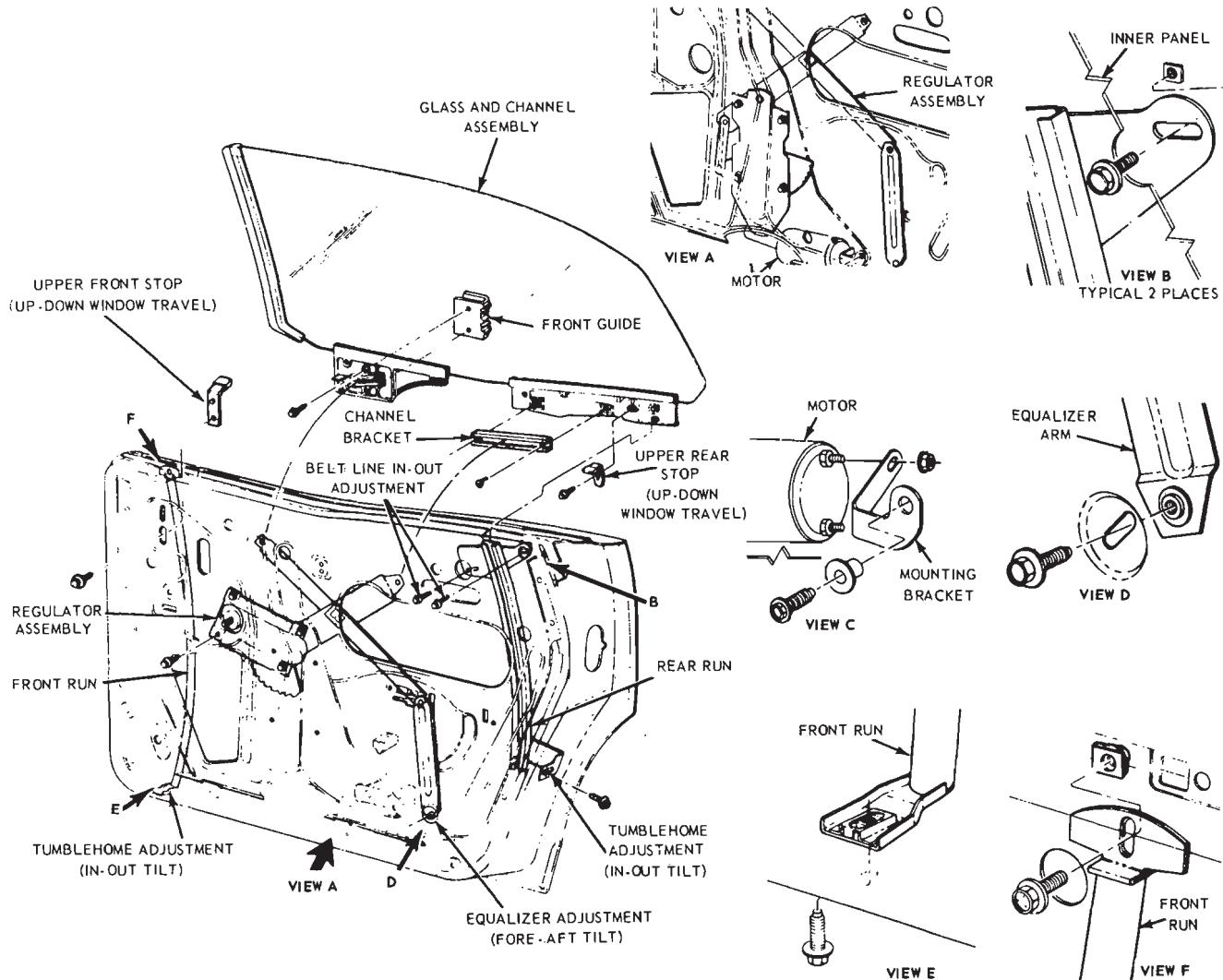
- Remove the stationary window glass and weatherstrip from the door.

- Remove two screws attaching the roller front carrier to the glass channel (Fig. 22).

- Raise the window glass and support in the raised position.

- Remove three screws attaching the glass channel bracket to the glass channel. Remove the window glass and channel assembly from the door.

- Remove the glass channel from



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FIG. 21—Rear Door Glass—Fairlane and Montego Model 57

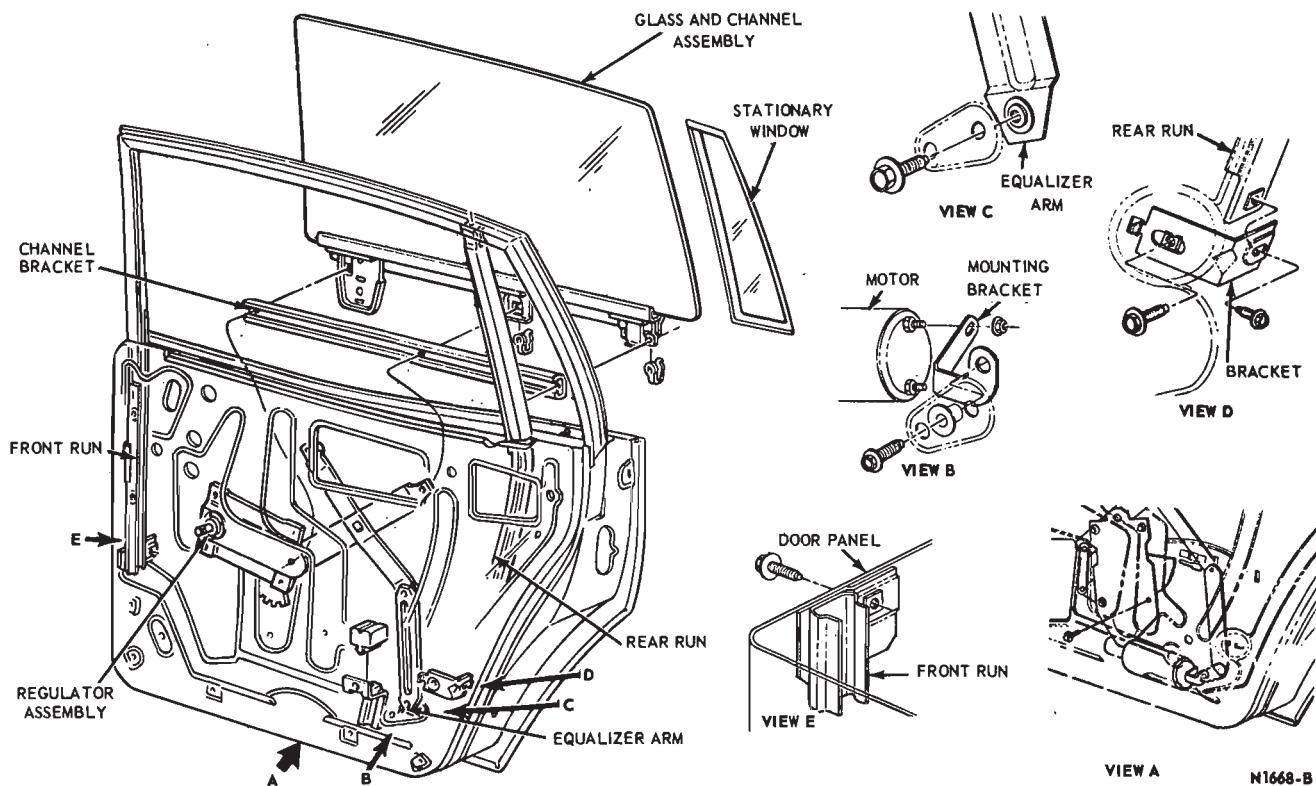


FIG. 22—Rear Door Window Mechanism—Fairlane and Montego—Model 71

the window glass with the tool shown in Fig. 17.

INSTALLATION

1. Install the glass channel on the window glass with the tool shown in Fig. 17.
2. Lubricate the window mechanism as shown in Part 42-01.
3. Position the glass and channel assembly in the door and to the glass channel bracket (Fig. 22).
4. Install three screws attaching the glass channel bracket to the glass channel.
5. Align the roller front carrier with the glass channel and install the two attaching screws.
6. Lubricate the stationary window glass weatherstrip with Silicone lubricant (COAZ-19553-A or C). Then, position the window glass and weatherstrip in the door.
7. Position the division bar and rear run assembly in the door and install the division bar upper attaching screw.
8. Position the division bar lower bracket to the division bar and door inner panel. Then, install the two attaching screws.
9. Adjust the window mechanism.
10. Install the watershield and trim

panel on the door.

REAR DOOR WINDOW GLASS—THUNDERBIRD

REMOVAL

1. Remove the trim panel and watershield from the door.
2. Remove two bolts attaching the front guide (Fig. 13) to the glass channel and remove the guide from the door.
3. Remove two screws attaching the regulator arm bracket to the glass channel and remove the bracket.
4. Remove the nut and washer from the regulator arm to glass channel pivot, and remove the pivot, bushing, and washer (Fig. 13).
5. Remove four screws retaining the rear weatherstrip to the top of the door and remove the weatherstrip.
6. Remove the glass and channel from the door.

INSTALLATION

1. Position the glass and glass channel in the door.
2. Position the regulator arm bracket to the regulator arm and the glass channel and install the two attaching screws (Fig. 13).

3. Position the regulator arm to the glass channel and install the pivot, bushing, washers and nuts (Fig. 13).

4. Position the front guide to the front run and glass channel and install the two attaching bolts.

5. Adjust the glass as outlined in Section I and install the rear weatherstrip on top of the door.

6. Install the watershield and trim panel on the door.

REAR DOOR STATIONARY WINDOW GLASS AND/OR WEATHERSTRIP—FAIRLANE AND MONTEGO MODEL 71

REMOVAL

1. Remove the trim panel and watershield from the door.
2. Remove the bumper from the glass lower stop.
3. Remove two screws attaching the roller carrier to the glass channel (Fig. 22). Lower the glass and channel assembly to the bottom of the door.
4. Remove the division bar lower bracket attaching screw (bolt on the Falcon).
5. Remove the division bar upper attaching screw (Fig. 22).
6. Pull the upper run out of the re-

tainer and away from the division bar.

7. Remove the glass run retainer and division bar from the door.

8. Pull the stationary glass and weatherstrip from the door.

9. Remove the weatherstrip from the glass. Clean the glass and/or weatherstrip if either is to be reused.

INSTALLATION

1. Apply sealer (C5AZ-19554-A) to

the glass opening groove of the weatherstrip.

2. Apply sealer (C5AZ-19554-A) to the division bar in the area of the area of the stationary glass weatherstrip.

3. Position the glass and weatherstrip in the door.

4. Position the division bar in the door and to the stationary window weatherstrip.

5. Install the division bar upper

attaching screw.

6. Raise the glass and position the roller carrier to the glass channel. Install the two roller carrier attaching screws.

7. Install the division bar lower bracket attaching screw snug. Adjust the window mechanism.

8. Install the lower stop bumper.

9. Install the watershield and trim panel on the door.

PART 42-03 Front Door Glass Mechanism

COMPONENT INDEX Applies to Models As Indicated	Ford	Mercury	Meteor	Cougar	Fairlane	Falcon	Maverick	Montego	Mustang	Lincoln- Continental	Thunderbird	Continental- Mark III
FRONT DOOR												
Glass Front Run	03-06	03-06	03-06	N/A	03-06	03-06	N/A	03-06	N/A	N/A	N/A	N/A
Glass Rear Run	03-06	03-06	03-06	N/A	03-06	03-06	N/A	03-06	N/A	03-06	03-07	03-07
Glass Rear Weatherstrip	N/A	N/A	N/A	N/A	03-07	N/A	N/A	03-07	N/A	N/A	03-06	03-06
Ventless Glass Guide	03-07	03-07	03-07	03-07	03-07	N/A	N/A	03-07	03-07	03-07	03-07	03-07
Ventless Glass Run	03-06	03-06	03-06	03-06	03-06	N/A	N/A	03-06	03-06	03-06	03-07	03-07
Ventless Glass Window Regulator	03-05	03-05	03-05	03-05	03-04	N/A	03-06	03-04	03-05	N/A	03-05	N/A
Ventless Glass Window Regulator and/or Motor	03-05	03-05	03-05	03-05	03-04	N/A	N/A	03-04	N/A	03-05	03-05	03-05
Window Manual Regulator	03-04	03-04	03-04		03-02	03-02	N/A	03-02	N/A	N/A	N/A	N/A
Ventless Glass Manual Regulator	03-05	03-05	03-05	03-05	03-04	N/A	03-06	03-04	03-04	N/A	03-05	N/A
Window Regulator and/or Motor	03-04	03-04	03-04	03-05	03-02	N/A	N/A	03-02	03-05	N/A	N/A	N/A
POWER WINDOW												
By-Pass Switch Elimination	03-02	03-02	03-02	N/A	N/A	N/A	N/A	N/A	N/A	03-02	03-02	03-02
Relay	03-02	03-02	03-02	03-02	03-01	03-01	N/A	03-01	N/A	03-02	03-02	03-02
Switch	03-01	03-01	03-01	03-01	03-01	03-01	N/A	03-01	N/A	03-02	03-02	03-02

A page number indicates that the item is for the vehicle(s) listed at the head of the column.
N/A indicates that the item is not applicable to the vehicle(s) listed.

1 REMOVAL AND INSTALLATION

POWER WINDOW RELAY—FALCON, FAIRLANE, AND MONTEGO

REMOVAL

- Disconnect the ground cable from the battery.
- Remove two screws attaching the relay to the right side of the dash panel in the engine compartment.
- Disconnect the wires from the relay and remove the relay.

INSTALLATION

- Connect the wires to the relay.
- Position the relay to the dash

panel and install the two attaching screws.

- Connect the battery ground cable, and check the operation of the power window(s).

POWER WINDOW SWITCH— FORD, MERCURY AND METEOR

Locate the notch at each end of the switch bezel. Insert a small screwdriver in the notch and depress the bezel locking tab until the bezel is released. Then, release the other end of the bezel using the same procedure. To remove the switch, carefully pry the switch out of the retainer with a small screwdriver.

POWER WINDOW SWITCH— FAIRLANE, MONTEGO AND COUGAR

- Remove the trim panel.
- Disconnect the wire connector from the window switch.
- Remove the switch attaching screws and remove the switch from the trim panel.
- Position the switch and retainer to the trim panel and install the attaching screws.
- Connect the wire connector to the window switch and install the trim panel.

POWER WINDOW SWITCH—THUNDERBIRD, CONTINENTAL MARK III AND LINCOLN CONTINENTAL

1. Remove the armrest (Group 47).
2. From the bottom side of the armrest, remove the switch retaining screws, disconnect the switch and remove it from the armrest.
3. Fasten the switch into position with the retaining screws and connect the multiple connector.
4. Install the armrest.

POWER WINDOW RELAY—FORD, MERCURY AND METEOR

1. Disconnect the battery and locate the relay in the engine compartment on the dash panel.
2. Disconnect the connectors from the relay and remove the retaining screws. Remove the relay.
3. Install the relay to the dash panel and connect the push-on connectors.
4. Connect the battery.

POWER WINDOW RELAY—LINCOLN CONTINENTAL

1. Locate the relay in the luggage compartment on the package tray.
2. Disconnect the multiple connector and remove the relay retaining screws. Remove the relay.
3. Install the relay to the package tray and connect the multiple connector.

POWER WINDOW RELAY—COUGAR

REMOVAL

1. Disconnect the battery.
2. In the engine compartment, on the right wheel well disconnect the two plug-on connectors.
3. Loosen the screw holding the remaining connector and disconnect the wire.
4. Remove the relay retaining screws and remove the relay.

INSTALLATION

1. Position the relay to the wheel well and install the retaining screws.
2. Push the snap-on connectors in place and tighten the remaining connector with the retaining screw.
3. Connect the battery.

POWER WINDOW RELAY—THUNDERBIRD AND CONTINENTAL MARK III

1. Disconnect the battery.
2. Locate the relay in the engine compartment on the dash panel. Disconnect the multiple connector and remove the screw retaining the wires to the dash panel.
3. Remove the relay retaining screws and remove the relay.
4. Install the relay to the dash panel.
5. Fasten the wires with the retaining screw to the dash panel. Then, connect the multiple connector.
6. Connect the battery.

POWER WINDOW AND/OR DOOR LOCK SWITCH—THUNDERBIRD

REMOVAL

1. Remove the armrest finish panel attaching screws and remove the finish panel.
2. Remove the speaker from the armrest, if so equipped.
3. Remove the bezel and nut from the mirror remote control (left front door only).
4. Remove six screws attaching the armrest to the door.
5. Pull the armrest away from the trim panel. Disconnect the power window switch wires and vacuum switch hoses, and feed the mirror control cable out of the armrest, if so equipped.
6. Remove two screws and remove the switch from the armrest.

INSTALLATION

1. Position the switch to the armrest and install the two attaching screws.
2. Position the armrest to the door and route the mirror control through the hole in the armrest. Then, install the bezel and nut.
3. Connect the vacuum hoses to the door lock switch and the wires to the power window switch.
4. Install the six armrest attaching screws.
5. Install the speaker in the armrest and install the armrest finish panel.

POWER WINDOW BY-PASS SWITCH ELIMINATION—LINCOLN CONTINENTAL, CONTINENTAL MARK III AND THUNDERBIRD

Disconnect the battery ground

cable and remove the access cover from the left front door armrest. Locate the black-white stripe wire connected to the lock-out and by-pass switch connector. Cut the black-white stripe wire 3 inches from the connector and tape the ends of both wires to prevent the wire ends of the wires from shorting to the body.

POWER WINDOW BY-PASS SWITCH ELIMINATION—FORD, MERCURY AND METEOR

Disconnect the battery ground cable. Locate the connection of the 14631 wire harness and the 14A200 wire harness under the left side of the instrument panel near the cowl side panel (Fig. 1). Disconnect the black-white stripe wire from the connector and insert the male connector into the female connector (Fig. 1) to prevent the wire from shorting to the body. **Station Wagon only:** Connect the wire from the rear window to the 14A200 wire harness as shown in Fig. 1.

FRONT DOOR WINDOW REGULATOR—MANUAL WINDOWS—MONTEGO, FALCON, FAIRLANE—MODELS 54 AND 71

Refer to Fig. 7, Part 42-02.

REMOVAL

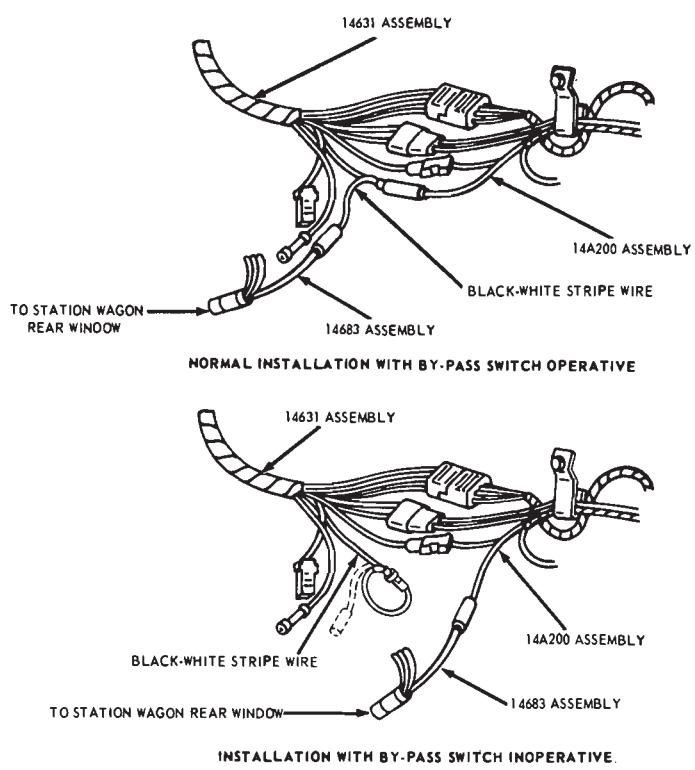
1. Remove the door trim panel and watershield.
2. Prop the window in the up position.
3. Remove four window regulator attaching screws and remove the regulator from the door.

INSTALLATION

1. Lubricate the window regulator roller and glass channel bracket (Section 1).
2. Position the window regulator in the door and insert the window regulator roller in the glass channel bracket.
3. Position the regulator to the door inner panel and install the four attaching screws.
4. Install the watershield and trim panel on the door.

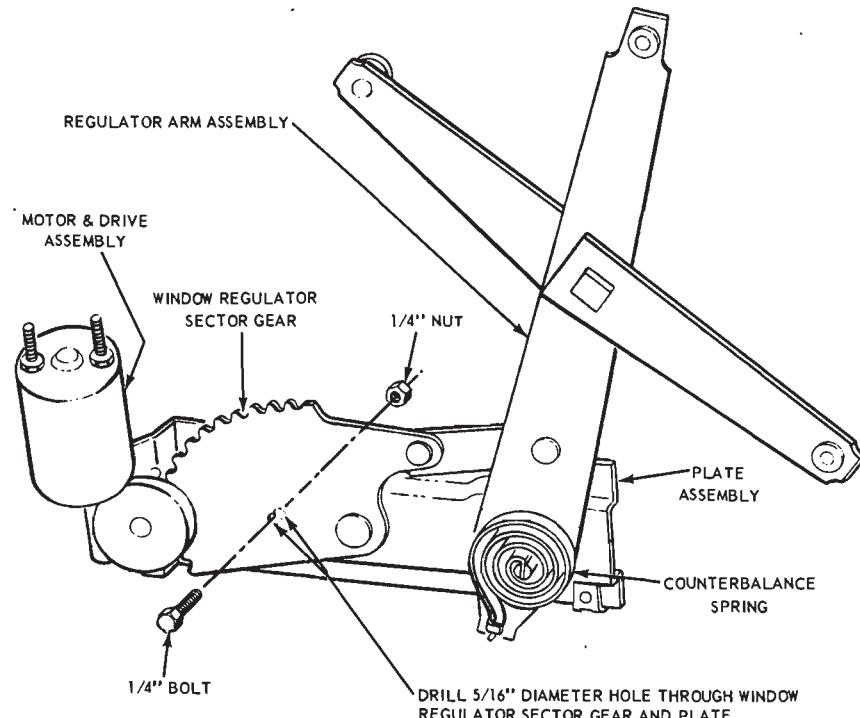
FRONT DOOR WINDOW REGULATOR AND/OR MOTOR—MONTEGO AND FAIRLANE—MODELS 54 AND 71

Refer to Fig. 7, Part 42-02



N 1767-A

FIG. 1—Power Window By-Pass Switch Elimination—Ford, Mercury and Meteor



N1867-A

FIG. 2—Motor and Drive Assembly Removal Precaution

REMOVAL

1. Remove the trim panel and wipershield from the door.
2. Remove two screws attaching the regulator arm roller bracket to the door inner panel and remove the bracket.
3. Disconnect the motor wires at the connector.
4. Remove the motor bracket-to-door inner panel attaching screw.
5. Remove the nut and washer from the vent window division bar lower adjusting screw.
6. Remove four screws attaching the window regulator to the door inner panel. Support the glass and channel assembly and disengage the regulator arm roller from the glass channel. Then, lay the window regulator in the bottom of the door panel.
7. Remove the lower stop from the door inner panel.
8. Lower the glass and pull the front run and retainer out of the vent window division bar.
9. Remove the window regulator assembly from the door.
10. If equipped with electric windows, mount the regulator assembly in a vise. Drill a 5/16 inch hole through the regulator sector gear and the regulator plate (Fig. 2). Install a 1/4 inch bolt and nut in the hole to prevent the sector gear from moving when the motor and drive assembly is removed. Remove the motor assembly from the regulator.

INSTALLATION

1. Lubricate the glass mechanism as shown in Part 42-01.
2. Position the motor and transmission to the regulator and install the three attaching screws.
3. Position the regulator assembly in the door.
4. Insert the front run and retainer into the vent window division bar.
5. Position the glass and channel assembly in the front and rear runs. Raise the glass and support in the up position. Install the washer and nut on the vent window division bar lower adjusting screw.
6. Insert the regulator arm roller in the glass channel bracket. Then, position the regulator assembly to the door inner panel and install the four attaching screws.
7. Position the regulator arm roller bracket to the regulator arm roller and the door inner panel and install the two attaching screws.
8. Position the motor bracket to

the door inner panel and install the attaching screw.

9. Adjust the door window as outlined in Part 42-02 and install the lower stop.

10. Connect the motor wires at the connector and check the operation of the window mechanism.

11. Install the watershield and trim panel on the door.

FRONT DOOR WINDOW REGULATOR—FORD, MERCURY AND METEOR MODELS 54, 62 AND 71

REMOVAL

1. Remove the door trim panel and watershield.

2. Remove the screws retaining the glass channel bracket to the glass channel and prop the window in its up position.

3. Disconnect the motor bracket and wires if equipped with an electric window regulator.

4. Remove the equalizer bracket from the door.

5. Remove the four regulator attaching bolts and remove the regulator.

6. If equipped with electric windows, mount the regulator assembly in a vise. Drill a 5/16 inch hole through the regulator plate (Fig. 2). Install a 1/4 inch bolt and nut in the hole to prevent the sector gear from moving when the motor and drive assembly is removed. Remove the motor assembly from the regulator.

INSTALLATION

1. Position the regulator assembly in the door. Engage the regulator equalizer arm in the equalizer arm bracket and install the four retaining bolts.

2. Remove the prop used to hold the window in its up position. Position the glass channel bracket on the regulator arms and install the screws retaining the glass channel bracket to the glass channel.

3. Connect the motor wires and install the motor bracket if equipped with electric windows.

4. Install the watershield and trim panel.

FRONT DOOR WINDOW REGULATOR—FALCON MODEL 62

Refer to Fig. 9, Part 42-02.

REMOVAL

1. Remove the trim panel and position the watershield away from the access holes.

2. Disconnect the regulator from the glass channel roller.

3. Raise the glass by hand and secure it in the raised position.

4. Remove the regulator retaining bolts, and remove the regulator through the door access hole.

INSTALLATION

1. Position the regulator inside the door and install the retaining bolts snugly.

2. Lower the glass and connect the regulator.

3. Check the operation of the glass, adjust it if necessary, and tighten the retaining bolts.

4. Carefully position the watershield to the inner panel and install the trim panel.

FRONT DOOR VENTLESS WINDOW REGULATOR—MANUAL WINDOWS—MONTEGO AND FAIRLANE

Refer to Fig. 3, Part 42-02.

REMOVAL

1. Remove the trim panel and watershield from the door.

2. Support the glass and remove the regulator arm pivot bolt and nut.

3. Remove two screws attaching the glass channel bracket to the glass channel and remove the bracket.

4. Remove the window regulator equalizer arm retaining nut.

5. Remove four screws attaching the regulator to the door inner panel and remove the regulator from the door.

INSTALLATION

1. Lubricate the glass mechanism as outlined in Part 42-01.

2. Position the window regulator in the door and install the four attaching screws.

3. Insert the regulator arm roller in the glass channel bracket. Then, position the glass channel bracket to the glass channel and install the two attaching screws.

4. Install the regulator arm pivot bolt and nut.

5. Position the window regulator equalizer arm to the door inner panel and install the retaining nut.

6. Adjust the window mechanism (Part 42-02), if required.

7. Install the watershield and trim panel on the door.

FRONT DOOR WINDOW REGULATOR AND/OR MOTOR—MONTEGO AND FAIRLANE—MODELS 63, 65, 66 AND 76

Refer to Fig. 3, Part 42-02.

REMOVAL

1. Remove the trim panel and weathersheet.

2. Remove the two nuts retaining the regulator channel bracket to the glass bracket. Remove the bracket from the regulator arm rollers.

3. Remove the nut retaining the regulator arm to the pivot stud.

4. Remove the bolt retaining the regulator arm to the door inner panel.

5. Move the glass to the full up position and support the glass.

6. Remove the four bolts retaining the regulator assembly to the door inner panel. Remove the bolt retaining the motor mounting bracket to the door inner panel. Disconnect the motor wires.

7. Remove the regulator and motor assembly out through the access hole in the door inner panel.

8. Install the regulator assembly in a vise and remove the motor assembly. If equipped with electric windows, mount the regulator assembly in a vise. Drill a 5/16 inch hole through the regulator sector gear and the regulator plate (Fig. 2). Install a 1/4 inch bolt and nut in the hole to prevent the sector gear from moving when the motor and drive assembly is removed. Remove the motor assembly from the regulator.

INSTALLATION

1. Position the regulator and motor assembly in the door and install the four retaining bolts. If equipped with power windows, install the motor mounting bracket to the door inner panel and connect the motor wires.

2. Install the regulator arm attaching bolt to the door inner panel.

3. Position the regulator arm to the pivot stud and install the nut and washer.

4. Position the regulator channel bracket and install the retaining nuts.

5. Adjust the window as required.

6. Install the weathersheet and trim panel.

DOOR WINDOW REGULATOR AND/OR MOTOR—VENTLESS GLASS—FORD, MERCURY, METEOR, MUSTANG AND COUGAR

Refer to Figs. 1 and 2, Part 42-02

REMOVAL

1. Remove the door trim panel and watershield. Remove the regulator motor bracket and disconnect the wires, if equipped with power windows.
2. Disconnect the window regulator arms from the glass channel and door inner panel at the pivots.
3. Disconnect the glass channel bracket from the glass channel.
4. Disconnect the remote control rod from the door latch.
5. Remove the rear weatherstrip cap.
6. Remove the upper rear stop and remove the belt weatherstrip and moulding from the door.
7. Remove the window regulator attaching screws and remove the regulator from the door.
8. If equipped with electric windows, mount the regulator assembly in a vise. Drill a 5/16 inch hole through the regulator sector gear and the regulator plate (Fig. 2). Install a 1/4 inch bolt and nut in the hole to prevent the sector gear from moving when the motor and drive assembly is removed. Remove the motor assembly from the regulator.

INSTALLATION

1. Install the window regulator in the door.
2. Install the belt weatherstrip and moulding.
3. Connect the window regulator to the door at the pivots.
4. Place the glass channel bracket on the regulator arm roller and attach the bracket to the glass channel.
5. Install the rear upper stop.
6. Connect the remote control rod to the door latch. Install the motor bracket and connect the motor wires if equipped with electric windows.
7. Install the rear weatherstrip cap, align the glass, and adjust the stops and guides.
8. Install the watershield and door trim panel.

FRONT DOOR WINDOW MANUAL REGULATOR—THUNDERBIRD

Refer to Fig. 5, Part 42-02.

REMOVAL

1. Remove the trim panel and watershield from the door.
2. Support the glass about half way down. Then, remove two screws attaching the regulator arm drive bracket to the glass channel and remove the bracket.
3. Remove the nut and washer from the regulator arm to glass channel pivot and remove the pivot.
4. Raise the glass all the way up and support it in that position.
5. Disconnect the regulator arm pivot from the door inner panel.
6. Remove four screws attaching the regulator to the door inner panel.
7. Remove the screw, retainer, and washer attaching the motor bracket to the door inner panel.
8. Disconnect the door latch remote control link from the remote control. Then, remove one screw attaching the link retaining clip to the door inner panel and allow the rod to hang from the latch.
9. Disconnect the motor wires at the connector and remove the window regulator and motor from the door.
10. Place the window regulator in a vise and remove the motor and transmission assembly from the regulator.

INSTALLATION

1. Position the regulator to the door inner panel and install and tighten the four attaching screws.
2. Install the armrest bracket to the door inner panel.
3. Lower the glass about half way down and support it in that position.
4. Position the regulator arm to the glass channel and install the pivot, bushing, washers and nut.
5. Position the glass channel bracket to the regulator arm and the glass channel and install the two attaching screws.
6. Remove the glass support and position the regulator arm pivot to the door inner panel. Then, install the screw, bushing, washer and nut to attach the pivot to the door panel.
7. Raise the window to the up position and move the window glass fore or aft as required and tighten the pivot nut securely.
8. Check the operation of the window and install the watershield and trim panel on the door.

FRONT DOOR WINDOW REGULATOR AND/OR MOTOR—THUNDERBIRD AND CONTINENTAL MARK III

Refer to Figs. 5 and 6, Part 42-02.

REMOVAL

1. Remove the trim panel and watershield from the door (Group 47).

2. Support the glass about half way down. Then, remove two screws attaching the regulator arm drive bracket to the glass channel and remove the bracket.
3. Remove the nut and washer from the regulator arm to glass channel pivot and remove the pivot.
4. Raise the glass all the way up and support it in that position.
5. Disconnect the regulator arm pivot from the door inner panel.
6. Remove four screws attaching the regulator to the door inner panel.
7. Remove the screw, retainer, and washer attaching the motor bracket to the door inner panel.
8. Disconnect the door latch remote control link from the remote control. Then, remove one screw attaching the link retaining clip to the door inner panel and allow the rod to hang from the latch.
9. Disconnect the motor wires at the connector and remove the window regulator and motor from the door.
10. Place the window regulator in a vise and remove the motor and transmission assembly from the regulator.

10. Connect the motor wires at the connector and check the operation of the window. Then, install the watershield and trim panel on the door.

FRONT DOOR GLASS REGULATOR—MAVERICK

To remove the regulator, first remove the door trim panel and weathersheet. Then, remove the bolts retaining the regulator. Separate the regulator arms from the glass channel. Support the glass and lower the regulator to the bottom of the door and remove the regulator out through the lower access hole.

FRONT DOOR GLASS REAR WEATHERSTRIP—CONTINENTAL MARK III AND THUNDERBIRD

- 1.** Remove the upper weatherstrip cap at the rear of the door.
- 2.** Remove the weatherstrip attaching screw and slide the weatherstrip up and off of the glass channel.
- 3.** Position the new weatherstrip onto the top edge of the door weatherstrip retainer and pull it into position. Install the retaining screw.
- 4.** Install the door rear weatherstrip cap.

FRONT DOOR GLASS FRONT RUN—FAIRLANE, FALCON AND MONTEGO—MODELS 54, 62 AND 71

- 1.** Lower the window to the full down position.
- 2.** Pull the front run from the retainer and vent window division bar.
- 3.** Apply Silicone Lubricant (COAZ-19553-A or C) to the portion of the front run that will be inserted below the belt line.
- 4.** Position the front run in the retainer and slide the run into the retainer. It may be necessary to raise and lower the window to assist in inserting the run. A tab is located at the lower end of the retainer and is the lower stop for the run.

FRONT DOOR GLASS FRONT RUN—FAIRLANE AND MONTEGO—MODELS 63, 65, 66 AND 76

Refer to Fig. 3, Part 42-02.

REMOVAL

- 1.** Remove the trim panel and watershield from the door.

2. Remove two screws attaching the front guide to the glass channel and remove the guide.

3. Lower the glass and remove the front run upper two attaching screws.

4. Raise the glass and remove the front run lower attaching screw.

5. Remove the front run and retainer from the door.

INSTALLATION

1. Lubricate the window mechanism as outlined in Part 42-01.

2. Position the front run and the retainer in the door and install the lower attaching screw.

3. Lower the glass and install the front run upper two attaching screws.

4. Position the front guide to the front run and the glass channel. Install the front guide two attaching screws.

5. Adjust the front run as outlined in Part 42-02.

6. Install the watershield and trim panel on the door.

FRONT DOOR GLASS RUN—VENTLESS GLASS—FORD, MERCURY, METEOR, MUSTANG AND COUGAR

Refer to Figs. 1 and 2, Part 42-02.

REMOVAL

1. Remove the door trim panel and watershield.

2. Remove the guide from the glass channel.

3. Remove the lower stop bumper and lower the glass.

4. Remove the glass run upper attaching screw.

5. Raise the glass and remove the glass run lower attaching screw. Then, disengage the run from the guide and remove the glass run.

INSTALLATION

1. Lubricate the glass run with Polyethylene grease (C4AZ-19584-A).

2. Install the run in the door and engage the run in the guide.

3. Install the glass run upper and lower attaching screws.

4. Install the lower stop bumper and adjust the glass run.

5. Position the guide on the glass run and to the glass channel. Install the guide attaching screw.

6. Install the watershield and door trim panel.

FRONT DOOR GLASS REAR RUN—FORD, MERCURY AND METEOR—MODELS 54, 62 AND 71

1. Remove the trim panel and watershield from the door.

2. Remove the rear run retainer, lower the glass and remove the run.

3. Position the rear run in the upper door frame.

4. Install the run retainer bolt.

5. Install the watershield and door trim panel.

FRONT DOOR GLASS REAR RUN—FAIRLANE, FALCON AND MONTEGO—MODELS 54, 62 AND 71

1. Lower the window and pull the rear run and rear run retainer from the door.

2. Apply Silicon Lube to the new run in the area that is below the belt line.

3. Slide the run into the run retainer below the belt line.

4. Apply adhesive to the run retainer above the belt line and insert the run into the retainer. Then, raise the window to firmly seat the run in the retainer.

FRONT DOOR VENTLESS GLASS REAR RUN—FAIRLANE AND MONTEGO

Refer to Fig. 3, Part 42-02.

REMOVAL

1. Remove the trim panel and watershield from the door.

2. Remove the upper front stop bracket and upper rear stop from the door.

3. Remove the front and rear guides from the glass channel.

4. Remove the two glass channel bracket attaching screws.

5. Remove the regulator arm to pivot retaining nut and disengage the regulator arm from the pivot. Remove the pivot from the glass channel.

6. Remove the glass and channel assembly from the door. A recess is provided at the front and rear edge of the door inner panel to provide clearance for the stop tabs on the glass channel. To remove the glass, lift the glass straight up, allowing the tabs on the glass channel to pass through the recess provided in the door inner panel.

7. Remove the rear run two upper and one lower attaching screws and remove the rear run and the retainer from the door.

INSTALLATION

1. Lubricate the window mechanism as outlined in Part 42-01.
2. Position the rear run and the retainer in the door and install the three attaching screws.
3. Insert the glass and channel assembly in the door.
4. Position the window regulator arm to the glass channel, and install the pivot and retaining nut.
5. Position the glass channel bracket to the glass channel and install the two attaching screws.
6. Position the front and rear guides to the glass channel and install the attaching screws.
7. Install the upper front stop bracket and upper rear stop.
8. Adjust the window mechanism as outlined in Part 42-02.
9. Install the watershield and trim panel on the door.

FRONT DOOR WINDOW GLASS RUN—THUNDERBIRD AND CONTINENTAL MARK III

Refer to Figs. 5 and 6, Part 42-02.

REMOVAL

1. Remove the trim panel and watershield from the door.
2. Lower the window glass to gain access to the guide and remove the two guide attaching screws. Then, remove the guide from the door.
3. Remove two screws attaching the run retainer to the bottom of the door and two screws attaching the run to the door at the belt line.
4. Remove two screws attaching the upper front stop to the door inner panel and remove the stop.
5. Tilt the window glass run and remove it from the door.

INSTALLATION

1. Position the run in the door and install the upper and lower attaching screws.
2. Lubricate the run with Lubricant C4AZ-19584-B as shown in Part 42-01.
3. Position the guide to the run and glass channel and install the two attaching screws.
4. With the window in the up position, loosen the run upper attaching screws and move the top of the run inboard or outboard to properly position the window glass to the door outside belt weatherstrip. Then, tighten the two attaching screws P.
5. Position the upper front stop to the door inner panel and install the two attaching screws. Then, with the window all the way up, position the stop down against the stop bracket and tighten the two stop attaching screws.
6. With the glass in the up position, tilt the glass inboard or outboard to achieve proper engagement of the glass with the roof rail weatherstrip and a flush fit with the quarter window. This will move the run to the correct position. Then, tighten the run lower attaching screws at the bottom of the door.
7. Raise and lower the window to be sure the window is free of binds which could result in high operating efforts. If any binding is detected, lower the window and loosen the front run retainer attaching screws to correct any misalignment of the front run with the rear run. Then, tighten the retainer attaching screws.
8. Install the watershield and trim panel on the door.

FRONT DOOR VENTLESS WINDOW GLASS GUIDE (FRONT OR REAR)—FORD, MERCURY, METEOR, MUSTANG, COUGAR, FAIRLANE AND MONTEGO

Refer to Figs. 1 and 2, Part 42-02.

1. Remove the trim panel and watershield from the door.
2. Remove two screws attaching the guide to the glass channel.
3. Disengage the guide from the run and remove the guide.
4. Position the guide to the run and glass channel, and install the two attaching screws.
5. Install the watershield and trim panel on the door.

FRONT DOOR WINDOW GLASS GUIDE—THUNDERBIRD AND CONTINENTAL MARK III

Refer to Figs. 5 and 6, Part 42-02.

1. Remove the trim panel and watershield from the door.
2. Lower the window glass to gain access to the guide and remove the two screws attaching the guide to the glass channel.
3. Slide the guide off the run and remove it from the door.
4. Position the guide to the run and glass channel and install the two attaching screws.
5. Check the operation of the window and install the watershield and trim panel on the door.

FRONT DOOR GLASS REAR WEATHERSTRIP— FAIRLANE AND MONTEGO MODELS 63, 65 AND 76

1. Remove five screws attaching the weatherstrip to the rear top edge of the door. Position the weatherstrip end away from the door.
2. Remove one screw attaching the weatherstrip to the bottom of the glass channel and slide the weatherstrip up and out of the retainer.
3. Insert the weatherstrip in the retainer and install the retaining screw.
4. Position the weatherstrip end to the door and install the five attaching screws.

PART 42-04 Rear Door Glass Mechanism

COMPONENT INDEX Applies to Models As Indicated	Ford	Mercury	Meteor	Fairlane	Falcon	Montego	Lincoln- Continental	Thunderbird
REAR DOOR								
Glass Guide	04-03	04-03	04-03	04-03	04-03	04-03	04-03	04-04
Glass Run	04-03	04-03	04-03	04-03	04-03	04-03	04-04	04-04
Window Regulator	04-03	04-03	04-03	04-01	04-01	04-01	04-03	04-04
Window Regulator and/or Motor	04-03	04-03	04-03	04-01	04-01	04-01	04-03	04-04

A page number indicates that the item is for the vehicle(s) listed at the head of the column.
N/A indicates that the item is not applicable to the vehicle(s) listed.

1 REMOVAL AND INSTALLATION

REAR DOOR WINDOW REGULATOR—FALCON

Refer to Fig. 11, Part 42-02.

REMOVAL

1. Remove the trim panel and watershield from the door.
2. Support the window glass and channel assembly in the up position.
3. Remove four screws attaching the window regulator to the door inner panel.
4. Disengage the regulator arm roller from the glass channel bracket and remove the regulator from the door.

INSTALLATION

1. Lubricate the window mechanism as outlined in Part 42-01.
2. Position the regulator in the door panel and insert the regulator arm roller in the glass channel bracket.
3. Position the regulator assembly to the door inner panel and install the attaching screws.
4. Remove the glass support and install the watershield and trim panel on the door.

REAR DOOR WINDOW REGULATOR—FAIRLANE AND MONTEGO MODEL 54

REMOVAL

1. Remove the trim panel and watershield from the door.
2. Remove the equalizer arm bracket from the door inner panel.
3. Support the glass and channel assembly and remove the three glass channel bracket attaching screws. Separate the glass channel bracket from the regulator arm rollers.
4. Remove four window regulator attaching screws and remove the regulator from the door.

INSTALLATION

1. Position the window regulator in the door and engage the regulator arm rollers in the glass channel bracket.
2. Position the window regulator to the door inner panel and install the attaching screws.
3. Insert the regulator arm roller in the equalizer arm bracket. Position the bracket to the inner panel and install the two attaching screws.
4. Position the glass channel

bracket to the glass channel and install the three attaching screws.

5. Remove the window support and check the operation of the window mechanism.
6. Install the watershield and trim panel on the door.

REAR DOOR WINDOW REGULATOR AND/OR MOTOR—FAIRLANE AND MONTEGO MODEL 54

REMOVAL

1. Remove the trim panel and watershield from the door.
2. Disconnect the motor wires at the connector.
3. Remove the equalizer arm bracket from the door inner panel.
4. Support the glass and channel assembly and remove the three glass channel bracket attaching screws. Separate the glass channel bracket from the regulator arm rollers.
5. Remove the screw attaching the motor bracket to the door inner panel.
6. Remove four window regulator attaching screws and remove the regulator from the door.
7. Remove the motor from the regulator. If equipped with electric win-

dows, mount the regulator assembly in a vise. Drill a 5/16 inch hole through the regulator sector gear and the regulator plate (Fig. 1). Install a 1/4 inch bolt and nut in the hole to prevent the sector gear from moving when the motor and drive assembly is removed. Remove the motor assembly from the regulator.

INSTALLATION

1. Install the motor on the window regulator.
2. Position the window regulator in the door and engage the regulator arm rollers in the glass channel bracket.
3. Position the window regulator to the door inner panel and install the four attaching screws.
4. Install the motor bracket to door inner panel attaching screw.
5. Insert the regulator arm roller in the equalizer arm bracket. Position the bracket to the inner panel and install the two attaching screws.
6. Position the glass channel bracket to the glass channel and install the three attaching screws.
7. Connect the motor wires at the connector.
8. Remove the window support and check the operation of the window mechanism.
9. Install the watershield and trim panel on the door.

REAR DOOR WINDOW REGULATOR—FAIRLANE AND MONTEGO—MODEL 71

1. Remove the trim panel and watershield from the door.
2. Remove four window regulator attaching screws and support the glass and channel assembly.
3. Disengage the regulator arm rollers from the glass channel bracket and equalizer arm bracket (Fig. 30). Remove the window regulator from the door.
4. Lubricate the window mechanism as shown in Part 42-01.
5. Position the window regulator in the door and engage the regulator arm rollers in the glass channel bracket and equalizer arm bracket.
6. Position the regulator to the door inner panel and install the four attaching screws.
7. Check the operation of the window mechanism. Then, install the watershield and trim panel on the door.

REAR DOOR WINDOW REGULATOR AND/OR MOTOR—FAIRLANE AND MONTEGO—MODEL 71

REMOVAL

1. Remove the trim panel and watershield from the door.
2. Lower the glass.
3. Remove one screw attaching the division bar lower bracket.
4. Remove one screw attaching the division bar lower bracket to the door inner panel and remove the bracket.
5. Remove the division bar upper attaching screw.
6. Remove the division bar and rear run assembly from the door.
7. Remove the stationary window glass and weatherstrip from the door.
8. Remove four screws attaching the window regulator to the door inner panel.
9. Remove two screws attaching the window regulator equalizer arm bracket to the door inner panel.
10. Remove two screws attaching the roller front carrier to the glass channel.
11. Remove three screws attaching the glass channel bracket to the glass channel bracket to the glass channel. Then, remove the window glass and

channel assembly from the door. Remove the window regulator and motor assembly from the door.

12. Remove the motor and drive assembly from the window regulator.

13. If equipped with electric windows, mount the regulator assembly in a vise. Drill a 5/16 inch hole through the regulator sector gear and the regulator plate (Fig. 1). Install a 1/4 inch bolt and nut in the hole to prevent the sector gear from moving when the motor and drive assembly is removed. Remove the motor assembly from the regulator.

INSTALLATION

1. Assemble the motor and drive assembly to the window regulator.
2. Lubricate the window mechanism as shown in Part 42-01.
3. Position the window regulator and drive assembly in the door and install the four attaching screws.
4. Position the glass channel bracket on the regulator arm rollers.
5. Position the window glass and channel assembly in the door and to the glass channel bracket.
6. Install three screws attaching the glass channel bracket to the glass channel.
7. Align the roller front carrier

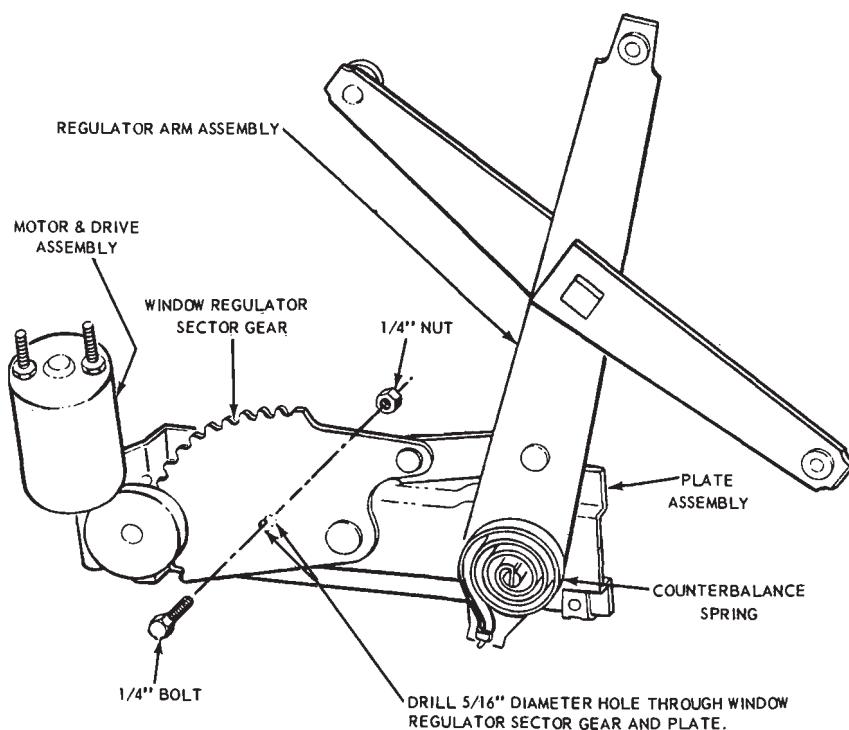


FIG. 1—Motor and Drive Assembly Removal Precaution

with the glass channel and install the two attaching screws.

8. Lubricate the stationary window glass weatherstrip with Silicone lubricant (COAZ-19553-A or C). Then, position the window glass and weatherstrip in the door.

9. Position the division bar and rear run assembly in the door and install the division bar upper attaching screw.

10. Position the division bar lower bracket to the division bar and door inner panel. Then, install the two attaching screws.

11. Adjust the window mechanism as outlined in Part 42-02.

12. Install the watershield and trim panel on the door.

REAR DOOR GLASS RUN (FRONT OR REAR)—FORD, MERCURY AND METEOR—MODELS 54 AND 71

1. Remove the trim panel and watershield from the door.

2. Remove the run from the door.

3. Lubricate the window mechanism as shown in Part 42-01.

4. Install the run to the run retainer.

5. Install the watershield and trim panel to the door.

REAR DOOR GLASS GUIDE (FRONT OR REAR)—FORD, MERCURY AND METEOR—MODELS 53 AND 57

Refer to Fig. 12, Part 42-02.

1. Remove the door trim panel and watershield.

2. Remove the bolts retaining the guide to the glass channel bracket. Remove the guide.

3. Position the guide in the door and install the retaining bolts.

4. Install the watershield and door trim panel.

REAR DOOR GLASS RUN (FRONT OR REAR)—LINCOLN CONTINENTAL, FORD, MERCURY AND METEOR—MODELS 53 AND 57

Refer to Fig. 12, Part 42-02.

REMOVAL

1. Remove the trim panel and watershield from the door.

2. Remove the front and rear guides from the glass channel bracket assemblies.

3. Remove the window regulator

arm from the channel bracket assembly.

4. Remove the window regulator pivot stud nut, separate the arms and remove the pivot stud assembly.

5. Remove the rear dust cover and upper rear stop from the door.

6. Remove the glass and channel assembly from the door. Then, remove the run retaining bolts and remove the run from the door.

INSTALLATION

1. Position the run to the door and install the retaining bolts.

2. Position the glass and channel assembly in the door. Then, position the window regulator arms, pivot stud assembly and channel brackets. Install the retaining nut and screws. Do not tighten the pivot stud nut.

3. Install the front and rear guides. Loosely fasten the upper rear stop in place.

4. Adjust the glass as required. Then tighten the pivot stud nut and retaining screws.

5. Install the dust cover, watershield and trim panel to the door.

REAR DOOR WINDOW REGULATOR—LINCOLN CONTINENTAL, FORD, MERCURY AND METEOR MODELS 53 AND 57

REMOVAL

1. Remove the rear door trim panel and watershield.

2. Support the glass and remove the glass channel bracket from the glass channel.

3. Remove the nut and bushing from the glass channel pivot.

4. Remove the screw attaching the window regulator equalizer arm to the door inner panel.

5. Disconnect the window regulator motor wires and motor bracket if equipped with an electric window regulator.

6. Remove four regulator attaching screws and remove the regulator from the door.

7. If equipped with electric windows, mount the regulator assembly in a vise. Drill a 5/16 inch hole through the regulator sector gear and the regulator plate (Fig. 1). Install a 1/4 inch bolt and nut in the hole to prevent the sector gear from moving when the motor and drive assembly is removed. Remove the motor assembly from the regulator.

INSTALLATION

1. Position the window regulator to the door inner panel and install the four attaching screws.

2. Install the motor bracket attaching screw and connect the motor wires if equipped with an electric window regulator.

3. Connect the window regulator equalizer arm to the door inner panel.

4. Position the regulator arm to the glass channel pivot and install the bushing and nut.

5. Position the glass channel bracket to the regulator arm roller and the glass channel and install the two attaching screws.

6. Adjust the window mechanism as outlined in Part 42-02.

7. Install the rear door watershield and trim panel.

REAR DOOR WINDOW REGULATOR—FORD, MERCURY AND METEOR MODELS 54 AND 71

Refer to Fig. 15, Part 42-02.

REMOVAL

1. Remove the trim panel and watershield from the door.

2. Support the glass and channel assembly.

3. Remove two screws attaching the glass channel bracket to the glass channel.

4. Disconnect the motor bracket and wires if equipped with electric windows.

5. Remove four screws attaching the window regulator to the door inner panel. Separate the window regulator arm rollers from the equalizer arm brackets and remove the regulator from the door.

INSTALLATION

1. Lubricate the window mechanism as outlined in Part 42-01.

2. Position the window regulator in the door and to the equalizer arm brackets. Then, install the four window regulator attaching screws.

3. Position the glass channel bracket to the regulator arm rollers and the glass channel. Then, install the two attaching screws.

4. Install the motor bracket and connect the motor wires if equipped with electric windows.

5. Remove the window glass support and check the operation of the window.

6. Install the watershield and trim panel on the door.

REAR DOOR WINDOW REGULATOR—THUNDERBIRD

Refer to Fig. 13, Part 42-02.

REMOVAL

1. Remove the rear door trim panel and watershield.
2. Lower the glass and support it 3/4 of the way down.
3. Remove two regulator arm brackets to glass channel attaching screws and remove the bracket.
4. Remove the nut and washer from the regulator arm to glass channel pivot, and remove the pivot, bushing, and washer.
5. Remove the nut, washer, screw and bushing attaching the regulator arm pivot to the door inner panel.
6. Raise the glass all the way up and support it in that position.
7. Remove four screws attaching the regulator to the door inner panel and remove the regulator from the door.
8. If equipped with power windows, drill a 5/16 inch hole through the regulator sector gear and the regulator plate (Fig. 1). Install a 1/4 inch bolt and nut through the hole to prevent the sector gear from moving when the motor and drive assembly is removed. Remove the motor assembly from the regulator.

INSTALLATION

1. Position the regulator to the door inner panel and install the four attaching screws.
2. Lower the glass 3/4 of the way down and support it in that position.
3. Position the regulator arm

bracket to the regulator arm and the glass channel and install the two attaching screws.

4. Position the regulator arm to the glass channel and install the pivot, bushing, washers and nuts.

5. Remove the glass support and position the regulator arm pivot to the door inner panel. Then, install the screw, bushing, washer and nut to attach the regulator equalizer arm to the door inner panel.

6. Raise the window to the up position and move the glass fore or aft as required and tighten the pivot nut securely.

7. Check the operation of the window and install the watershield and trim panel on the door.

REAR DOOR GLASS FRONT GUIDE—THUNDERBIRD

1. Remove the trim panel and watershield from the door.
2. Remove two screws attaching the front guide to the glass channel and remove the guide from the door.
3. Position the guide to the front run and glass channel and install the two attaching screws.
4. Adjust the guide as outlined in Part 42-02 and tighten the attaching bolts.
5. Install the watershield and trim panel on the door.

REAR DOOR GLASS FRONT RUN—THUNDERBIRD

Refer to Fig. 13, Part 42-02.

REMOVAL

1. Remove the trim panel and watershield from the door.
2. Remove two seal attaching screws and remove the front run seal

from the bottom of the door.

3. Remove two screws attaching the run retainer to the bottom of the door.

4. Remove two run attaching screws from the top of the door.

5. Remove the two front guide attaching screws and remove the front guide from the door.

6. Tilt the run in the door and separate the run from the lower retainer. Then, remove the run from the door.

INSTALLATION

1. Place the front run in the door and position the run to the lower retainer.

2. Position the front guide to the front run and glass channel. Then, install the two guide to glass channel attaching screws.

3. Install the two run upper and lower attaching screws.

4. Cycle the glass and adjust the run as outlined in Part 42-02. Then, tighten all attaching screws.

5. Install the seal on the bottom of the door.

6. Install the watershield and trim panel on the door.

REAR DOOR GLASS REAR RUN—THUNDERBIRD

1. Remove the trim panel and watershield from the door.

2. Remove two screws retaining the rear run to the door and remove the run from the door.

3. Position the run in the door and install the two attaching screws snug.

4. Lower the window and tighten the two run attaching screws.

5. Install the watershield and trim panel on the door.

PART 42-05 Quarter Window Glass and Mechanisms

COMPONENT INDEX Applies to Models As Indicated	Ford	Mercury	Meteor	Cougar	Fairlane	Falcon	Maverick	Montego	Mustang	Lincoln- Continental	Thunderbird	Continental- Mark III
QUARTER WINDOW GLASS Adjustment	05-04	05-04	05-04	05-02	05-01	05-01	N/A	05-01	05-02	05-04	05-05	05-05
Removal and Installation	05-07	05-07	05-07	05-09	05-07	05-09	05-11	05-07	05-09	05-09	05-11	05-09
QUARTER WINDOW GUIDE Front Removal and Installation	05-14	05-14	05-14	05-14	05-15	N/A	N/A	05-15	05-14	05-14	N/A	N/A
Rear Removal and Installation	05-15	05-15	05-15	05-14	05-15	05-15	N/A	05-15	05-14	05-15	N/A	N/A
QUARTER WINDOW FRONT RUN	05-14	05-14	05-14	05-14	05-15	05-15	N/A	05-15	05-14	05-14	05-14	05-14
QUARTER WINDOW REGULATOR	05-12	05-12	05-12	05-13	05-12	05-12	N/A	05-12	05-13	05-13	05-13	05-13
QUARTER WINDOW REGULATOR AND/OR MOTOR REPLACEMENT	05-12	05-12	05-12	05-13	05-12	N/A	N/A	05-12	N/A	05-13	05-13	05-13

A page number indicates that the item is for the vehicle(s) listed at the head of the column.

1 ADJUSTMENTS

QUARTER WINDOW GLASS ADJUSTMENT—FALCON MODEL

62

1. Remove the quarter trim panel and watershield.

2. To obtain proper clearance between the quarter window assembly and the quarter window glass run retainer assembly, operate the window to its full down position, loosen the screw and washer assembly retaining the bottom of the run retainer, and adjust the retainer assembly forward. After adjustment, tighten the screw and washer assembly finger tight (Fig. 1).

3. To obtain proper clearance between the quarter window assembly and the quarter window glass run retainer assembly, operate the window to its full up position. Loosen screw and washer assemblies retaining the run retainer upper bracket and adjust the retainer assembly forward. After adjustment, tighten screw and washer assemblies D securely.

4. Install the watershield and quarter trim panel.

QUARTER WINDOW GLASS ADJUSTMENT—FAIRLANE AND MONTEGO—MODELS 63, 65 AND 76

The following adjustments can be

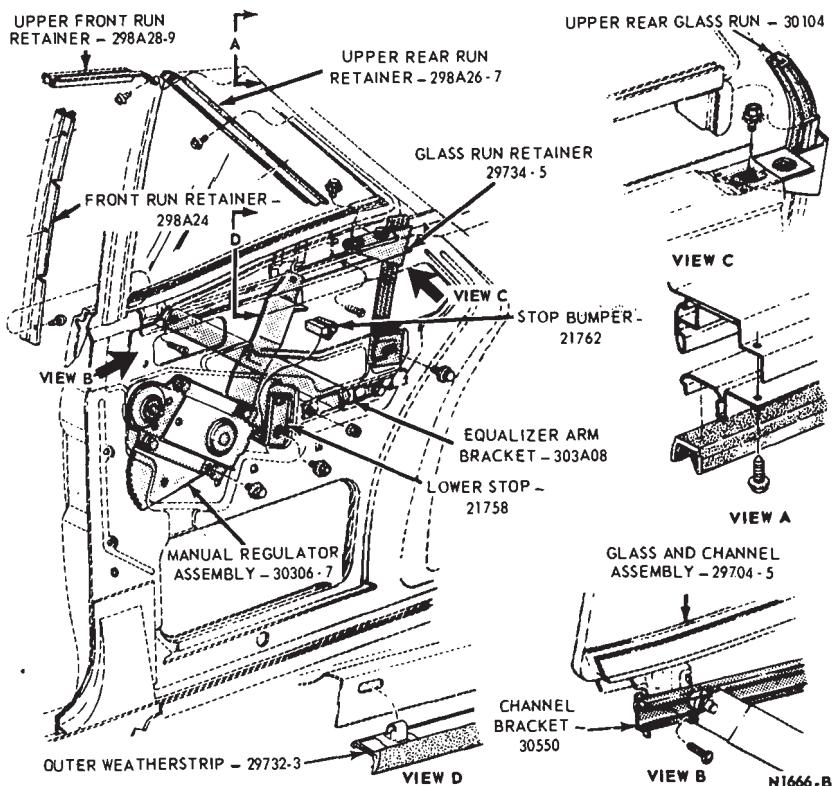


FIG. 1—Quarter Window Mechanism—Falcon—Model 62

made without removing the trim panel:

TUMBLEHOME (IN-OUT TILT)

To adjust the tumblehome, loosen the lower guide plate retaining bolt at the bracket assembly (Fig. 2). Tilt the glass in or out until the proper glass-to-roof rail weatherstrip relationship is achieved. Tighten the guide plate bracket attaching bolt.

BELT LINE IN-OUT ADJUSTMENT

The belt line in-out adjustment is controlled by two set screws located at the inside belt line (Fig. 2). Loosen the two screws and move the glass in or out until the quarter window glass is flush with the front door glass. Tighten the set screws.

UPPER FRONT STOP ADJUSTMENT

Loosen the upper front stop attaching bolt. Move the glass until the correct up-down window travel is achieved. Tighten the stop retaining bolt.

The following adjustments must be made with the trim panel removed:

EQUALIZER ADJUSTMENT

Loosen the bolt attaching the equalizer arm to the inner panel. Tilt the glass fore or aft until the top of the glass is parallel with the roof side rail. Tighten the equalizer bolt.

UPPER STOP ADJUSTMENT (COMPLETE)

Loosen both the upper front and upper rear stop attaching bolts. Move the glass until the proper up-down window travel is achieved. Tighten the stop attaching bolts.

FORE-AFT ADJUSTMENT

Loosen the lower guide plate attaching bolt at the bracket assembly (Fig. 2). Then, loosen the two upper guide plate attaching bolts. Move the glass fore or aft as required and tighten the three guide plate attaching bolts.

QUARTER WINDOW GLASS ADJUSTMENT—MUSTANG AND COUGAR

The following adjustment may be made without removing the quarter

trim panel:

UPPER FRONT STOP

Loosen the two screws retaining the upper front stop at the top of the lock pillar (Fig. 3). Move the glass until the proper up-down travel is achieved, then tighten the stop retaining bolts.

If the above adjustment does not give a satisfactory window adjustment, remove the quarter trim panel and perform the following adjustments:

TUMBLEHOME (IN-OUT TILT)

Loosen the screw at the bottom of the guide plate which secures the guide bracket to the body (Fig. 3). Move the glass in or out until the glass seals against the roof rail weatherstrip. Tighten the retaining screw.

BELT LINE IN-OUT AND FORE-AFT ADJUSTMENT

Loosen the two screw and washer assemblies which retain the top of the guide plate. Move the window in or out until the quarter window is flush with the front door glass. Also, move the glass fore or aft as required. Then

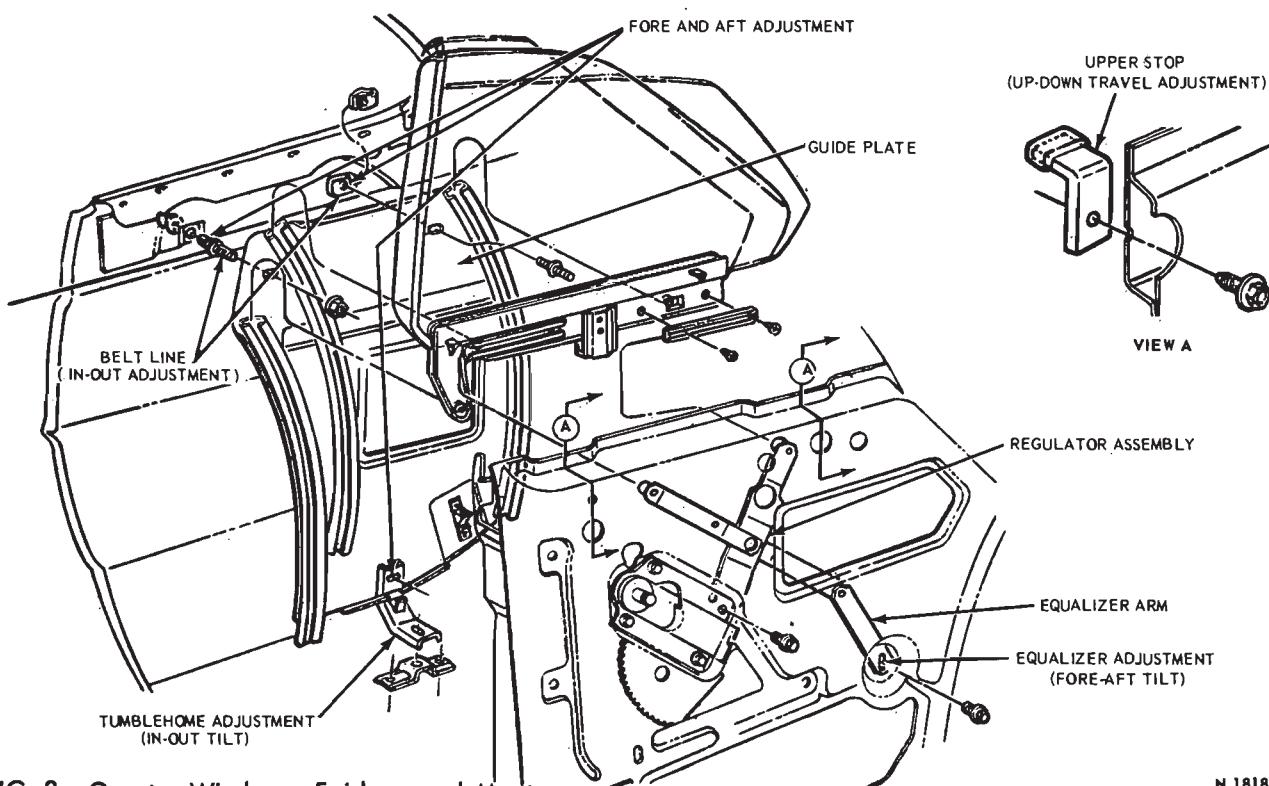


FIG. 2—Quarter Window—Fairlane and Montego

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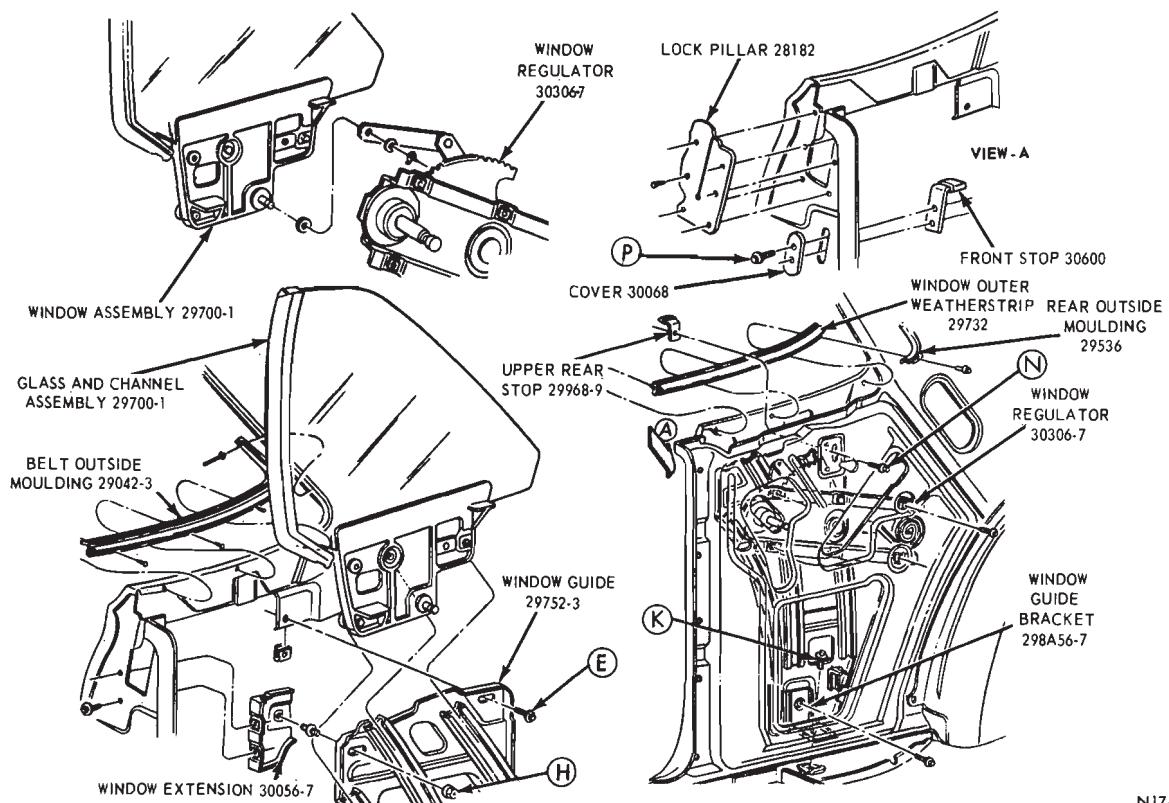


FIG. 3—Quarter Window Mechanism—Mustang and Cougar

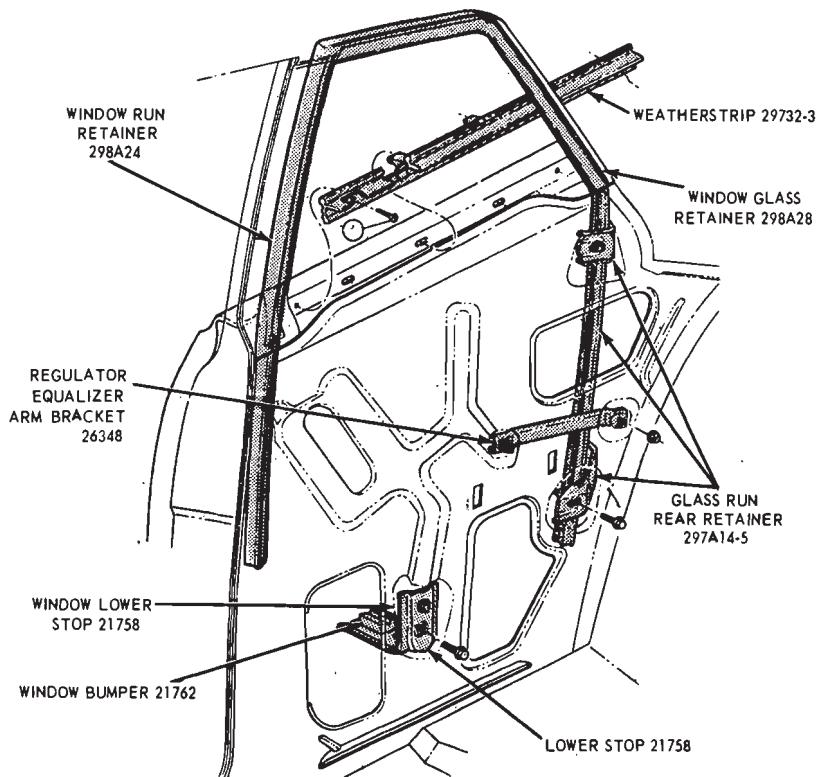


FIG. 4—Quarter Window Glass Mechanism Adjustment—Ford Model 62

tighten the screw and washer assemblies.

EQUALIZER ADJUSTMENT

Loosen the screw and washer assembly at the lower guide plate bracket. Then, loosen the two screw and washer assemblies at the top of the guide plate. Tilt the glass fore or aft until the top of the glass is parallel with the roof rail weatherstrip. Tighten the screw and washer assemblies.

UPPER STOP ADJUSTMENT

Loosen both the upper front stop and upper rear stop retaining bolts. Move the glass to the full up position. Move the stop firmly against the glass. Tighten the retaining screws.

QUARTER WINDOW GLASS ADJUSTMENTS—FORD MODEL 62

1. Remove the quarter trim panel and watershield.
2. Lower the window to its full down position. Loosen the lower run retainer retaining screw (Fig. 4). Move the run retainer against the window and tighten the screw and washer A, finger-tight.

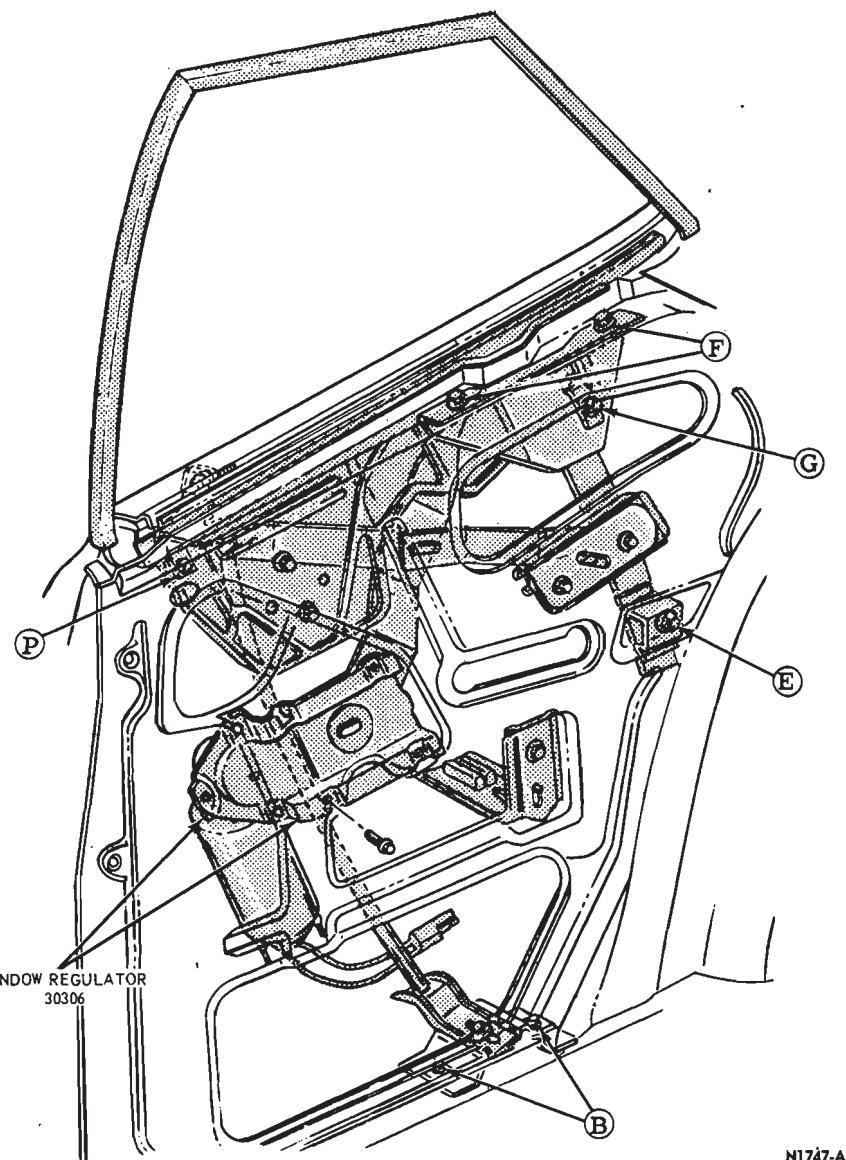


FIG. 5—Quarter Window Adjustment—Ford, Mercury and Meteor Model 63

3. Raise the window to its full up position. Loosen the upper run retaining screw and washer assemblies (Fig. 4). Move the upper portion of the run retainer assembly against the window glass. Then, tighten the upper and lower run retaining screw and washer assemblies (Fig. 4).

4. With the top edge of the window flush with the belt line, loosen the lower stop retaining screw and washer assemblies (Fig. 4). Adjust the lower stop against the lower edge of the window channel. Then, tighten the lower stop retaining screw and washer assemblies.

5. Cycle the window up and down several times to insure that proper adjustment has been made. Install the watershield and quarter trim panel.

QUARTER WINDOW GLASS ADJUSTMENT—FORD, MERCURY AND METEOR MODEL 63

1. Remove the quarter trim panel and watershield.
2. Loosen items B, E, F, G, and P (Fig. 5).
3. Raise the glass to the up position to obtain a good seal with the roof rail weatherstrip.
4. Position the quarter glass forward or rearward to obtain a parallel fit between the quarter glass and the door glass. Then, tighten the screws (Items B and F, Fig. 5) securely.
5. Lower the glass to the full down position and tighten items E, G and P securely.

6. Check the window mechanism operation.

7. Install the watershield and quarter trim panel.

QUARTER WINDOW GLASS ADJUSTMENT—LINCOLN CONTINENTAL, FORD AND MERCURY MODELS 65 AND 76

The following adjustments can be made without removing the trim panel:

TUMBLEHOME (IN-OUT TILT)

To adjust the in-out tilt at the top of the glass, use a 24-inch extension and socket and loosen the front run lower retaining bolt at the bottom of the run. Also, loosen the bolt at the bottom of the rear channel for additional tumblehome adjustment. This bolt cannot be reached without removing the trim panel. Move the run in or out until the proper roof rail weatherstrip-to-window glass relationship is achieved. Then, tighten the run retaining bolt (Fig. 6).

BELT LINE IN-OUT ADJUSTMENT

Loosen the bolt retaining the front run at the top of the run. Move the glass in or out until the quarter window glass is flush with the front door glass. Tighten the upper run attaching bolt.

UPPER FRONT STOP ADJUSTMENT

Loosen the upper front stop retaining bolt. Move the glass until the proper up-down window travel is achieved. Tighten the upper front stop attaching bolt.

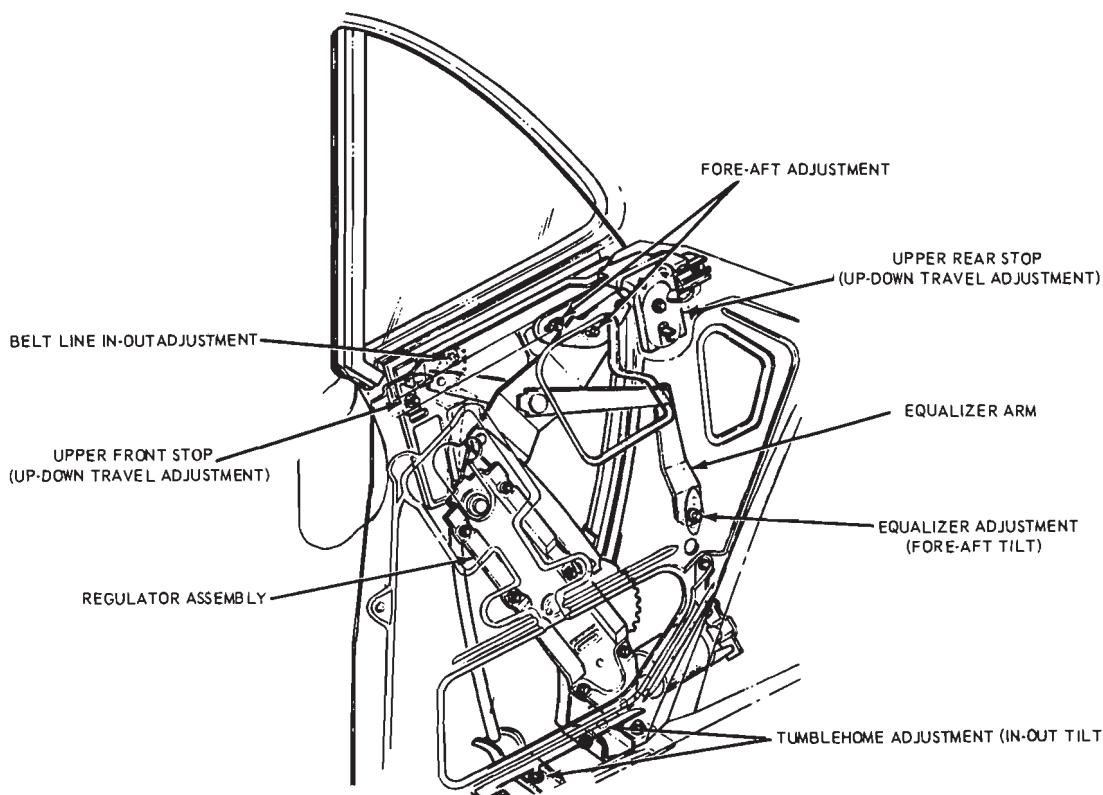
The following adjustments must be made with the trim panel removed:

EQUALIZER ADJUSTMENT (FORE-AFT TILT)

Loosen the equalizer attaching bolt. Tilt the glass fore or aft until the top edge of the glass is parallel with the roof rail. Tighten the equalizer bolt.

UPPER STOP ADJUSTMENT (COMPLETE)

Loosen both the upper front and upper rear stop attaching bolts. Move the glass until the proper up-down window travel is achieved. Tighten both stop attaching bolts.



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FIG. 6—Quarter Window Mechanism—Lincoln Continental, Ford, Mercury and Meteor Models 65 and 76

FORE-AFT ADJUSTMENT

Loosen the two nuts attaching the regulator arm to the glass channel assembly (Fig. 6). Move the glass fore or aft as required and tighten the nuts.

QUARTER WINDOW GLASS ADJUSTMENT—CONTINENTAL MARK III

1. Remove the rear seat cushion and seat back from the vehicle.
2. Remove the quarter trim panel and cycle the window to the closed (forward) position.
3. Loosen the screw and washer assembly X (Fig. 7) and move the window fore or aft to obtain a 5/32 to 3/16 inch parallel gap between the quarter window and the door window.
4. Loosen the two nuts Y (Fig. 7) and move the window up and down as required for a proper fit to the roof rail weatherstrip and to obtain a parallel gap to the door window.
5. Turn the two set screws Z (Fig. 7) in or out to obtain a proper fit

with the roof rail weatherstrip and the belt weatherstrip. Then, tighten the screw and washer (Item X) and the two nuts (Item Y) securely.

6. Install the quarter trim panel, seat back and seat cushion in the vehicle.

QUARTER WINDOW GLASS ADJUSTMENT—THUNDERBIRD

The following adjustments must be made with the trim panel removed:

TUMBLEHOME (IN-OUT TILT)

To adjust tumblehome, loosen the lower guide plate attaching bolt at the lower bracket. Tilt the top of glass in or out until the proper glass-to-roof rail weatherstrip relationship is achieved. Tighten the guide plate bracket lower attaching bolt.

BELT LINE IN-OUT ADJUSTMENT

Loosen the nut from the set screw at the upper front corner of the guide

plate (Fig. 8). Move the glass in or out until the quarter window glass is flush with the front door glass. Tighten the nut at the top of the guide plate.

UPPER STOP ADJUSTMENT

Loosen the upper stops attaching bolts. Move the glass until the proper up-down window travel is achieved. Tighten both stop attaching bolts.

EQUALIZER AND FORE-AFT ADJUSTMENT

Loosen the bolt at the upper rear corner of the guide plate, loosen the nut at the upper front corner of the guide plate and the bolt attaching the guide plate to the lower guide plate bracket (Fig. 8). Twist the guide plate assembly until the glass is parallel with the roof rail weatherstrip. Tighten the bolts. The fore and aft adjustment is made in the same manner except that the guide plate should be moved fore or aft to achieve proper window fit.

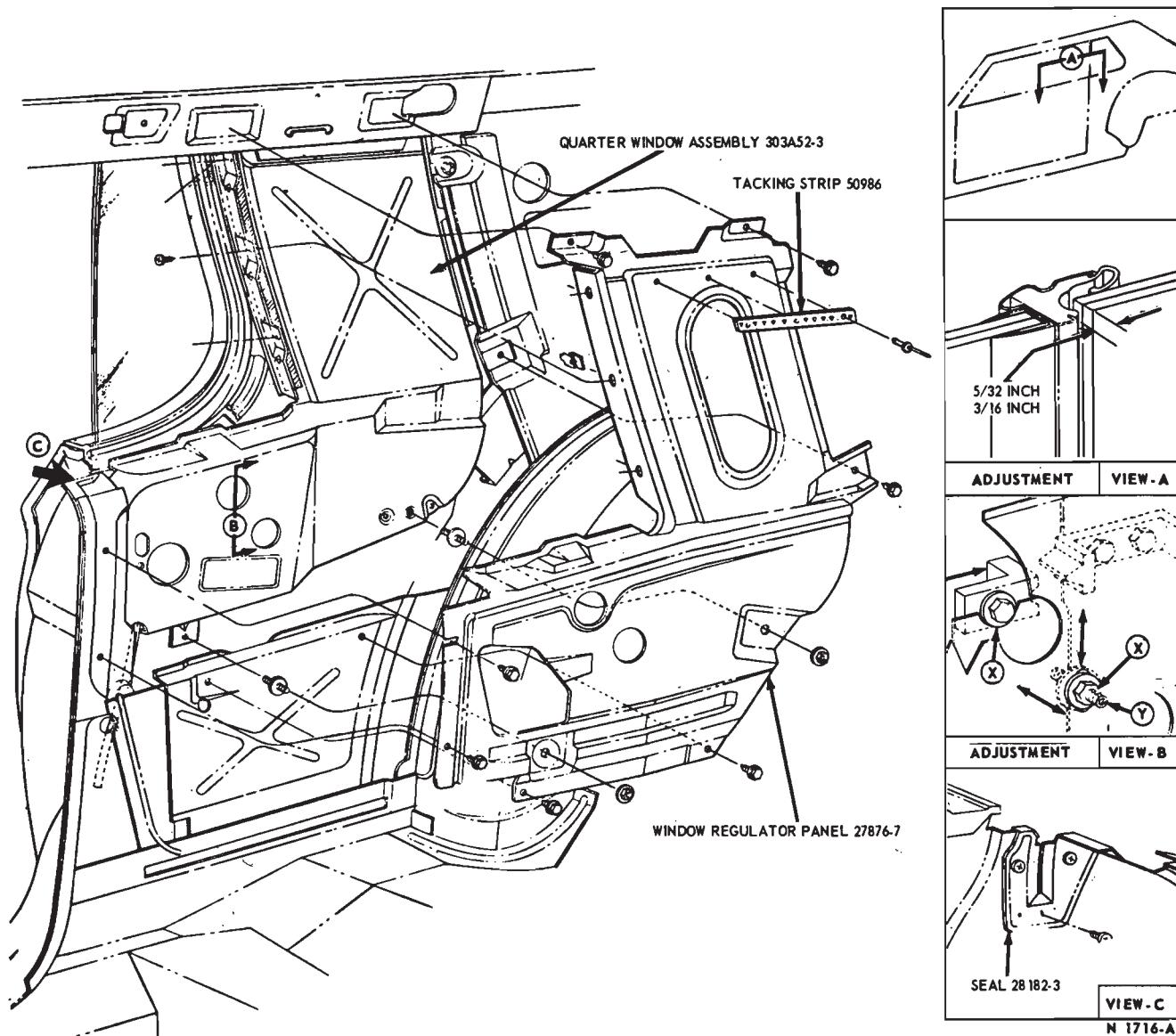


FIG. 7—Quarter Window Installation—Continental Mark III

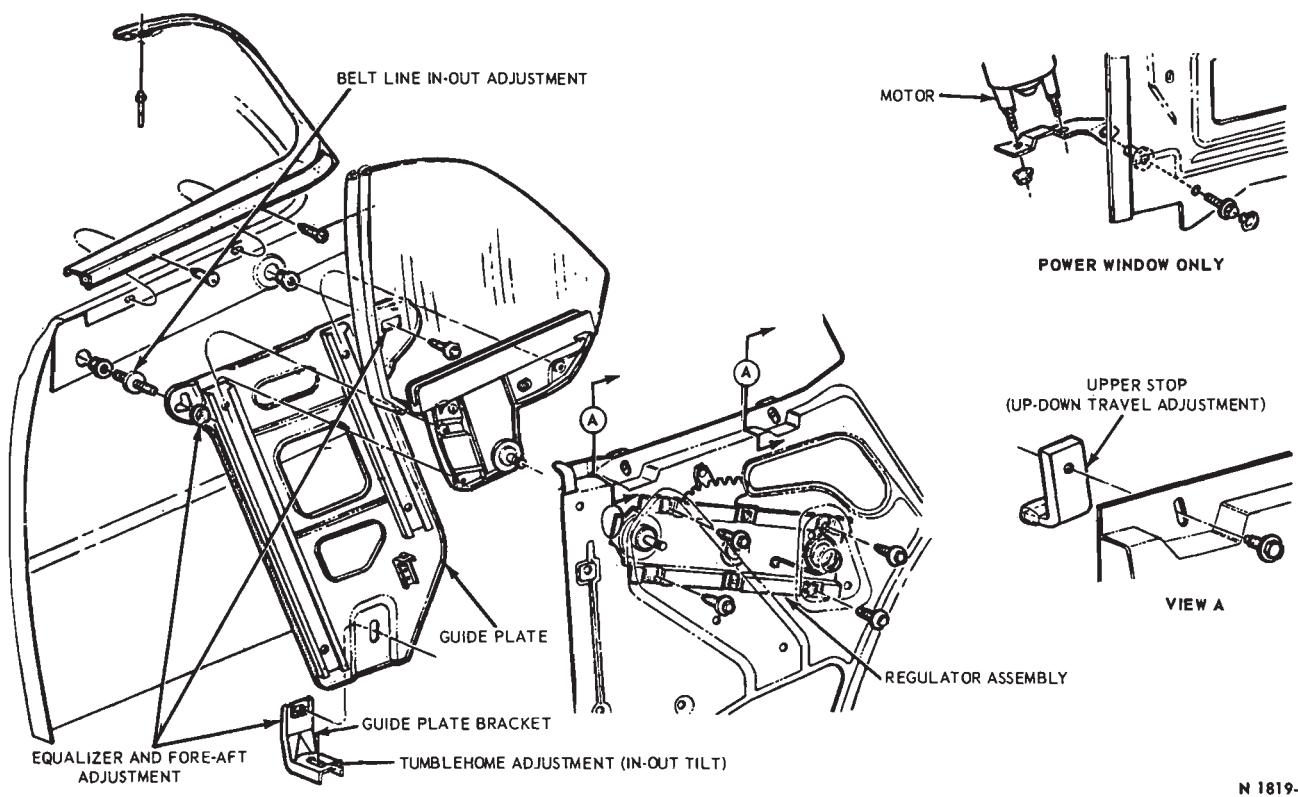


FIG. 8—Quarter Window Mechanism—Thunderbird

2 REMOVAL AND INSTALLATION

QUARTER WINDOW GLASS—FAIRLANE AND MONTEGO—MODELS 63 AND 65

REMOVAL

1. Remove the trim panel and weathersheet.
2. Remove the upper rear stop (Fig. 9).
3. Remove the bolt at the upper rear corner of the guide plate.
4. Remove the lower stop bracket, and mark the location.
5. Support the glass and remove both the front and rear channel brackets from the glass channel assembly.
6. Remove the glass and channel assembly from the vehicle.

INSTALLATION

1. Position the glass and channel assembly in the guide plate assembly.
2. Install the lower stop bracket.

3. Install the upper stop.
4. Install the upper guide plate attaching bolt.
5. Adjust the glass as required.
6. Install the weathersheet and trim panel.

QUARTER WINDOW GLASS—FORD, MERCURY AND METEOR MODEL 63

REMOVAL

1. Remove the quarter trim panel and watershield.
2. Support the glass and remove the glass channel bracket from the glass channel (Fig. 10).
3. Remove the equalizer arm bracket from the quarter inner panel.
4. Remove the lower stop and stop bumper from the quarter panel.
5. Remove the upper front and upper rear stops (Fig. 10).
6. Remove the front guide from the glass channel.

7. Disengage the glass and channel assembly from the rear guide and remove the glass and channel assembly.

INSTALLATION

1. Position the glass and channel assembly in the quarter and engage the channel roller with the rear guide. Engage the window regulator arm roller with the bracket on the glass channel.
2. Position the front guide to the front run and glass channel and install the attaching screws.
3. Install the upper front and upper rear stops and the lower stop and stop bumper (Fig. 10).
4. Position the equalizer arm bracket to the glass channel and the inner panel and install the attaching screws.
5. Position the glass channel bracket to the regulator arm roller and the glass channel and install the attaching screws.

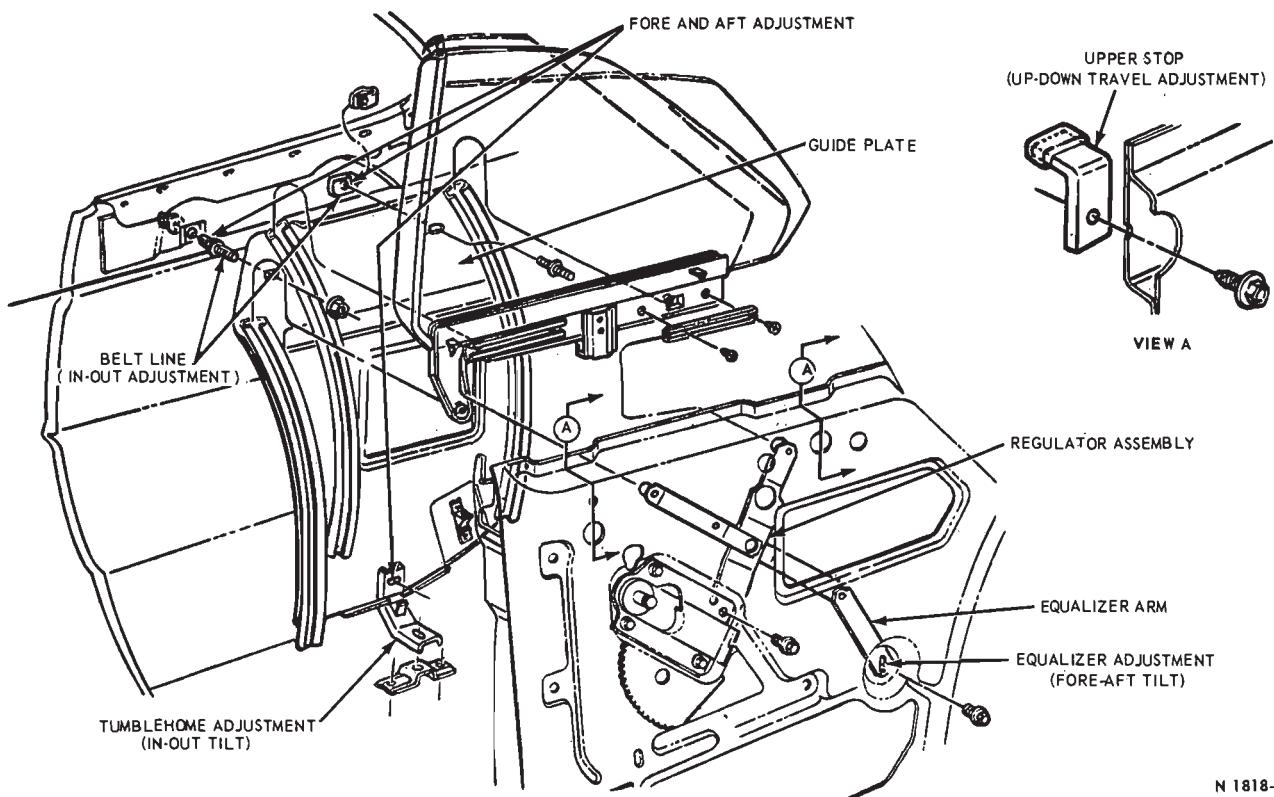


FIG. 9—Quarter Window Mechanism—Fairlane and Montego

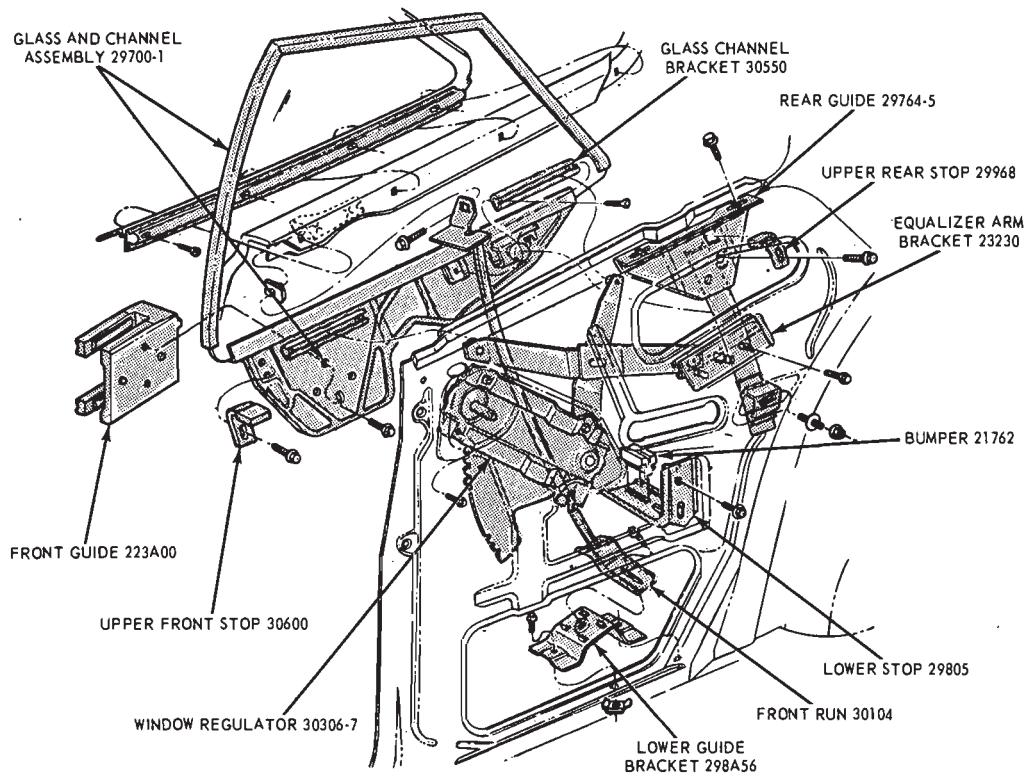


FIG. 10—Quarter Window Mechanism—Ford, Mercury and Meteor Model 63

6. Adjust the window mechanism as required.
7. Install the watershield and quarter trim panel.

QUARTER WINDOW GLASS—FALCON AND FORD—MODEL 62

REMOVAL

1. Remove the quarter trim panel and watershield.
2. Remove the two screws retaining the quarter window channel bracket to the lower window channel.
3. Roll the regulator assembly to its down position.
4. Tilt the window slightly in the window opening and remove the window assembly.
5. Remove the glass from the window channel, using a tool such as shown in Fig. 17, Part 42-02.

INSTALLATION

1. Install the glass in the lower channel, using new glass tape.
2. Position the glass and channel assembly in the window opening.
3. Install the channel bracket to the lower window channel and roll the window assembly up.
4. Install the watershield and door trim panel.

QUARTER WINDOW GLASS—MONTEGO AND FAIRLANE—MODEL 76

REMOVAL

1. Remove the rear seat cushion and seat back.
2. Remove the quarter trim panel and watershield.
3. Remove the upper stop and upper rear stop from the glass channel (Fig. 9).
4. Remove two screws attaching the glass channel front bracket to the glass channel and remove the glass channel bracket.
5. Remove the rear guide two upper attaching screws (Fig. 9).
6. Remove two screws attaching the front guide (Fig. 9) to the glass channel and remove the glass from the quarter panel.

INSTALLATION

1. Lubricate the front run, glass channel brackets, rear guide and win-

dow mechanism rollers (Part 42-01).

2. Position the glass and channel assembly in the quarter panel, inserting the glass channel roller in the rear guide and the regulator arm roller in the glass channel rear bracket.

3. Position the front guide on the front run and to the glass channel. Install the two front guide attaching screws.

4. Position the glass channel front bracket to the regulator arm roller and the glass channel. Install the two glass channel bracket attaching screws.

5. Install the upper stop and upper rear stop on the glass channel (Fig. 9).

6. Install the two rear guide upper attaching screws.

7. Adjust the quarter window as required.

8. Install the watershield and quarter trim panel.

9. Install the rear seat back and seat cushion.

QUARTER WINDOW GLASS—MUSTANG AND COUGAR MODELS 65 AND 76

REMOVAL

1. Remove the rear seat cushion and seat back (Group 47).
2. Loosen the window guide bracket lower retaining nuts.
3. Remove the quarter trim panel and watershield (Group 47).
4. Lower the glass to the full down position, and disconnect the regulator arm from the glass channel.
5. Remove the upper front and upper rear stops (Fig. 3).
6. Loosen the window guide bracket upper retaining nuts.
7. Remove the glass and channel assembly from the vehicle.

INSTALLATION

1. Lubricate the window mechanism as outlined in Section I.
2. Install the glass and channel assembly in the quarter panel.
3. Connect the regulator arm to the glass channel (Fig. 3).
4. Install and adjust the glass upper stops and adjust the window guide bracket.
5. Install the watershield and quarter trim panel.
6. Install the rear seat back and seat cushion.

QUARTER WINDOW GLASS—LINCOLN CONTINENTAL, FORD, MERCURY AND METEOR MODELS 65 AND 76

REMOVAL

1. Remove the quarter trim panel and watershield.
2. Remove the seal from the quarter pillar at the belt line (Fig. 11).
3. Remove two screws attaching the glass channel bracket to the glass channel and remove the bracket.
4. Remove the lower stop from the rear guide (Fig. 11).
5. Support the glass and channel assembly.
6. Remove the window regulator equalizer arm to inner panel attaching screw.
7. Remove the upper front and upper rear stops (Fig. 11).
8. Remove the front guide from the glass channel.
9. Disengage the glass channel from the regulator arm and the rear guide and remove the glass and channel assembly.

INSTALLATION

1. Lubricate the window mechanism as shown in Section I.
2. Position the glass and channel assembly in the quarter panel and engage the channel roller with the rear guide. Engage the window regulator arm roller with the bracket on the glass channel.
3. Position the front guide to the front run and the glass channel and install the attaching screws.
4. Install the upper front and upper rear stops.
5. Position the window regulator equalizer arm to the inner panel and install the attaching screw (Fig. 11).
6. Install the lower stop on the rear guide.
7. Install the glass channel bracket.
8. Adjust the window mechanism as outlined in Section I.
9. Install the pillar seal, watershield, and quarter trim panel.

QUARTER WINDOW GLASS—CONTINENTAL MARK III

REMOVAL

1. Remove the quarter trim panel and watershield (Group 47).
2. Pry the light from the roof quarter trim panel, and remove the roof quarter trim panel (Group 47).
3. Remove the headlining from the

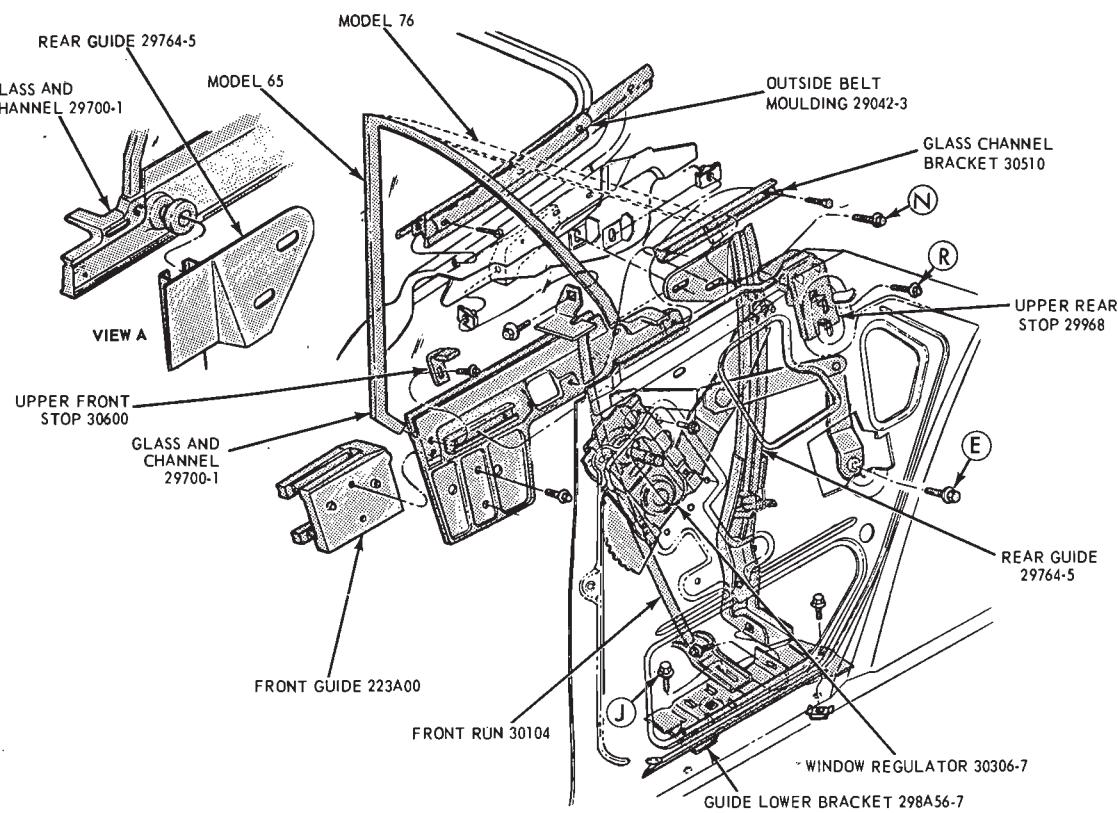


FIG. 11—Quarter Window Glass Mechanism—Lincoln Continental, Ford, Mercury and Meteor Models 65 and 76

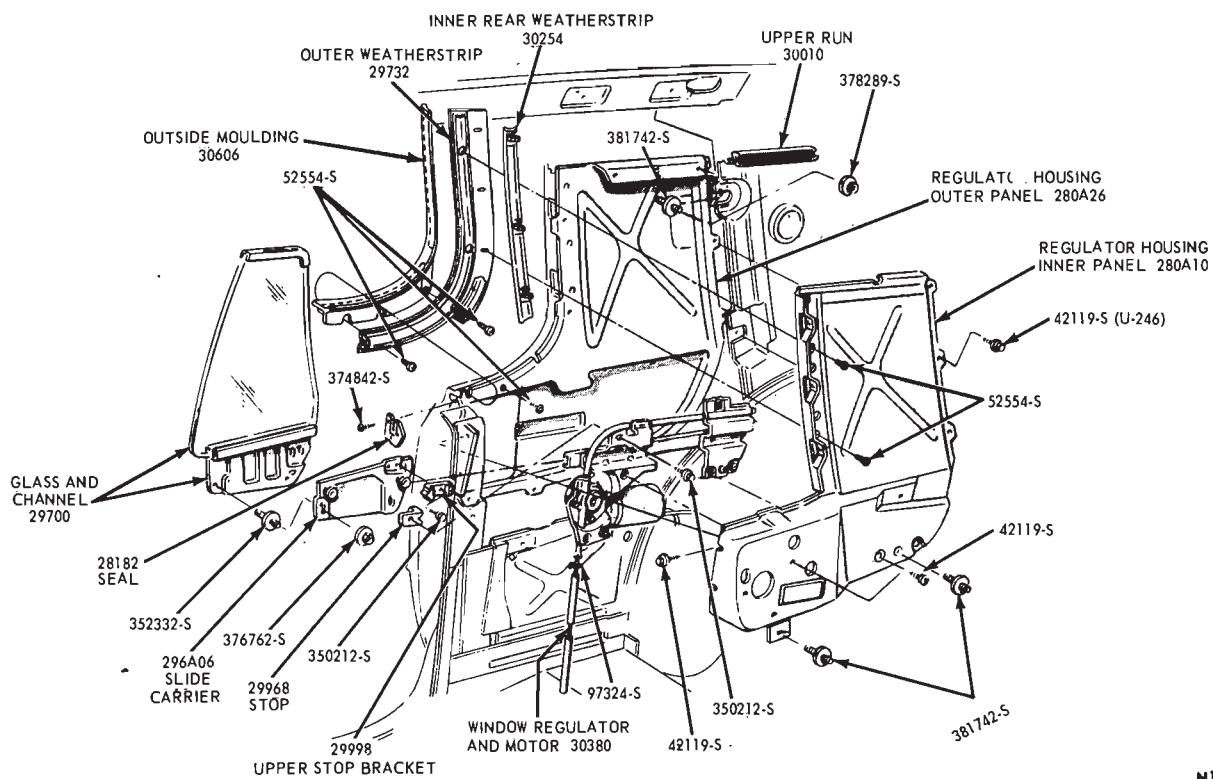


FIG. 12—Quarter Window Mechanism—Continental Mark III

tacking strip at the window opening, and remove the tacking strip.

4. Remove the two nut and washer assemblies (Fig. 7) from the lower adjusting screws.

5. Remove ten screws attaching the window regulator panel, and remove the panel (Fig. 7).

6. Loosen two screws attaching the quarter window assembly at the pillar.

7. Remove ten quarter window assembly attaching screws, disconnect the motor wires, and remove the assembly from the vehicle.

8. Remove six screws retaining the regulator housing inner panel to the outer panel, and separate the two panels.

9. Remove two nuts and washers from the adjusting screws that retain the glass and channel to the slide carrier (Fig. 12). Remove the glass and channel from the quarter window assembly.

10. Transfer the two adjusting screws to the new glass and channel assembly.

INSTALLATION

1. Position the glass and channel to the slide carrier and install the washer and nuts on the adjusting screws.

2. Position the inner panel on the quarter window outer panel, and install the six attaching screws.

3. Position the quarter window assembly in the vehicle and install the six retaining screws. Tighten the two screws at the pillar, and connect the motor wires.

4. Install the window regulator panel (Fig. 7).

5. Install the headlining tacking strip and attach the headlining to the strip.

6. Install the two nut and washer assemblies (Fig. 7) on the lower adjusting screws.

7. Adjust the quarter window.

8. Install the roof quarter trim panel and light.

9. Install the watershield and quarter trim panel.

QUARTER WINDOW GLASS—THUNDERBIRD

REMOVAL

1. Remove the trim panel and weathersheet.

2. Remove the belt line dust seal.

3. Remove both upper stop assemblies.

4. Remove the hairpin clip retain-

ing the regulator arm to the glass channel assembly.

5. Remove the nut from the upper front and upper rear corners of the guide plate.

6. Remove the two bolts retaining the guide plate to the guide mounting bracket at the bottom of the guide plate.

7. Remove the glass assembly from the guide plate assembly and leave the guide plate in the body.

INSTALLATION

1. Position the glass assembly in the guide plate.

2. Install the nuts on the upper guide plate attaching bolts (Fig. 8).

3. Position the regulator arm to the glass and channel assembly and install the hairpin retainer.

4. Install both upper stops.

5. Adjust the glass as required.

6. Install the weathersheet and trim panel.

QUARTER WINDOW GLASS—MAVERICK

REMOVAL

1. Pry off the latch bracket cover.

2. Remove the latch bracket retaining screws.

3. Peel back the weatherstrip to gain access to the window hinge retaining screws (Fig. 13). Remove the retaining screws and remove the glass from the vehicle.

INSTALLATION

1. Position the window glass in the window opening and install the glass hinge retaining screws.

2. Install the latch bracket retaining screws.

3. Install the latch cover.

QUARTER WINDOW REGULATOR—FORD—MODEL 62

REMOVAL

1. Remove the quarter trim panel and watershield.

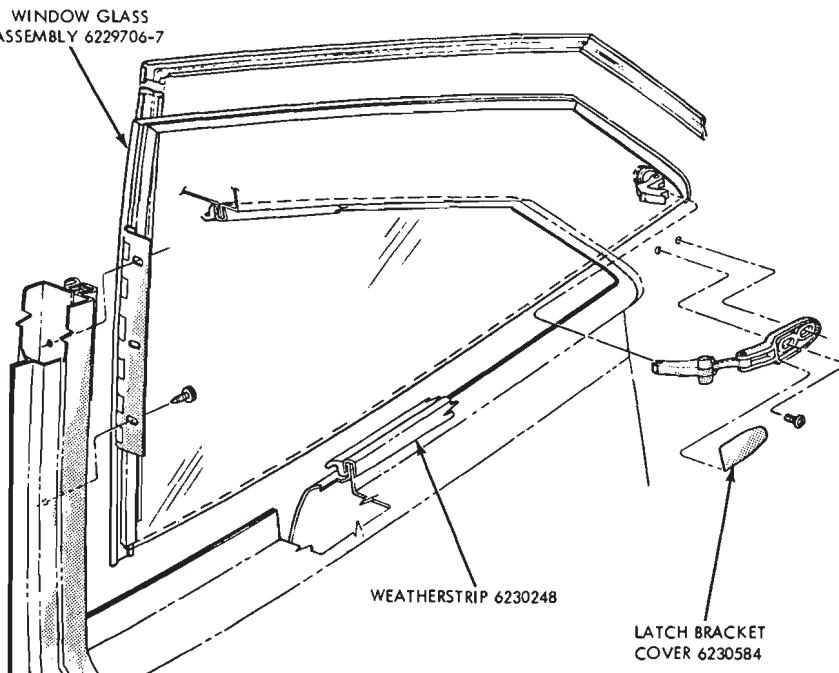
2. Prop the quarter window in the up position.

3. Remove two screws retaining the quarter window glass channel bracket and remove the channel.

4. Remove four bolts retaining the regulator to the quarter and remove the regulator from the quarter.

INSTALLATION

1. Position the regulator in the quarter and install the regulator re-



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FIG. 13—Quarter Window Installation—Maverick

taining bolts.

2. Position the quarter window glass channel bracket in the quarter and install the two retaining screws.

3. Remove the prop and install the quarter watershield and trim panel.

QUARTER WINDOW REGULATOR—FALCON MODEL 62

REMOVAL

1. Remove the rear seat cushion and back.

2. Remove the trim panel and position the watershield away from the access hole.

3. Disconnect the regulator from the glass channel rollers.

4. Raise the glass by hand and secure it in the raised position.

5. Remove the regulator retaining bolts, slide the regulator arm out of the equalizer and remove the regulator.

INSTALLATION

1. Position the regulator inside the quarter panel, engage the arm in the equalizer, and install the regulator retaining bolts snugly.

2. Position the rollers in the glass channel, lower the glass and connect

the regulator.

3. Check the operation of the glass, adjust it if necessary, and tighten the retaining bolts.

4. Position the watershield, and install the trim panel.

5. Install the seat cushion and back.

QUARTER WINDOW REGULATOR—MONTEGO AND FAIRLANE—MODELS 63, 65, 76

REMOVAL

1. Remove the rear seat cushion and seat back.

2. Remove the quarter trim panel and watershield.

3. Remove four screws attaching the two glass channel brackets to the glass channel and remove the brackets.

4. Remove the nut retaining the regulator arm to the inner panel.

5. Remove four window regulator attaching screws and remove the quarter window regulator.

6. Transfer the stud from the regulator arm to the new regulator if the regulator is to be replaced.

INSTALLATION

1. Lubricate the window regulator

rollers and the glass channel brackets.

2. Position the window regulator to the quarter panel inner panel and install the four attaching screws.

3. Insert the window regulator rollers in the two glass channel brackets and position the brackets to the glass channel. Then, install the channel bracket attaching screws.

4. Position the regulator arm and stud to the inner panel and install the retaining nut.

5. Install the watershield and quarter trim panel.

6. Install the rear seat back and seat cushion.

QUARTER WINDOW REGULATOR AND/OR MOTOR—FORD, MERCURY AND METEOR MODEL 63

REMOVAL

1. Remove the quarter trim panel and watershield.

2. Remove the equalizer arm bracket from the inner panel (Fig. 10).

3. Remove the front guide.

4. Support the glass and remove the glass channel brackets.

5. Disconnect the motor wires and motor support bracket if equipped with electric windows.

6. Remove the window regulator attaching screws; disengage the regulator arm roller from the glass channel; and remove the regulator from the quarter panel.

7. If equipped with electric windows, mount the regulator assembly in a vise. Drill a 5/16 inch hole through the regulator sector gear and the regulator plate (Fig. 14). Install a 1/4 inch bolt and nut in the hole to prevent the sector gear from moving when the motor and drive assembly is removed. Remove the motor assembly from the regulator.

INSTALLATION

1. Lubricate the window mechanism as shown in Part 42-01.

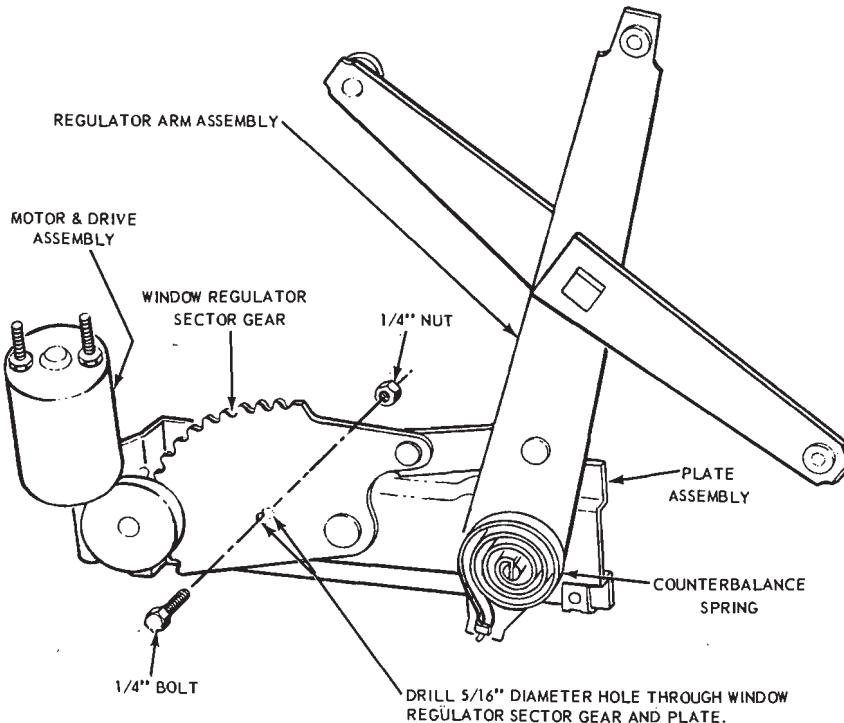
2. Position the window regulator to the quarter inner panel and the glass channel. Install the four regulator attaching screws.

3. Connect the motor wires and install the motor support bracket, if so equipped.

4. Install the glass channel bracket (Fig. 10).

5. Replace the front guide.

6. Install the equalizer arm bracket and adjust as required.



N1867-A

FIG. 14—Motor and Drive Assembly Removal Precaution

7. Install the watershield and quarter trim panel.

QUARTER WINDOW REGULATOR—MUSTANG AND COUGAR MODELS 65 AND 76

REMOVAL

1. Remove the rear seat cushion and seat back (Group 47).
2. Remove the quarter trim panel and watershield (Group 18).
3. Lower the glass and disconnect the regulator arm from the glass channel (Fig. 3).
4. Raise the glass and support the glass in the up position.
5. Remove four window regulator attaching screws and remove the regulator through the lower opening.

INSTALLATION

1. Position the window regulator to the quarter inner panel and install the four attaching screws.
2. Lower the glass and connect the window regulator to the glass channel (Fig. 3).
3. Install the watershield and quarter trim panel.
4. Install the rear seat back and seat cushion.

QUARTER WINDOW REGULATOR—LINCOLN CONTINENTAL, FORD, MERCURY AND METEOR MODELS 65 AND 76

REMOVAL

1. On convertibles raise the top partially. Remove the quarter trim panel and watershield.
2. Remove the trim panel front retainer bracket.
3. Remove the window regulator equalizer arm to inner panel attaching screw.
4. Lower the glass and remove the front guide. Then, remove the upper rear stop.
5. Support the glass and remove the glass channel bracket (Fig. 11).
6. Disconnect the motor wires and motor support bracket, if so equipped.
7. Remove the window regulator attaching screws; disengage the regulator arm roller from the glass channel.
8. Raise the glass partially and remove it from the rear guide. Remove the rear guide. Remove the regulator from the quarter panel.

9. If equipped with power windows, mount the regulator in a vise. Drill a $5/16$ inch hole through the regulator sector gear and the regulator plate (Fig. 14). Install a $1/4$ inch bolt and nut through the hole to prevent the sector gear from moving when the motor and drive assembly is removed. Remove the motor assembly from the regulator.

INSTALLATION

1. Lubricate the window mechanism as shown in Part 42-01.
2. Position the window regulator to the quarter inner panel and the glass channel. Install the four regulator attaching screws.
3. Install the rear guide.
4. Connect the motor wires and install the motor support bracket, if so equipped.
5. Install the glass channel bracket.
6. Lower the glass partially and install the front guide. Then, install the upper rear stop.
7. Position the window regulator equalizer arm to the inner panel and install the attaching screw. Adjust as required.
8. Lower the top and lock in position on convertibles. Install the watershield and quarter trim panel.

QUARTER WINDOW REGULATOR AND MOTOR—CONTINENTAL MARK III

REMOVAL

1. Remove the quarter trim panel and watershield as outlined in Group 47.
2. Pry the light from the roof quarter trim panel and remove the roof quarter trim panel (Group 47).
3. Remove the headlining from the tacking strip at the window opening.
4. Remove the headlining tacking strip.
5. Remove the two nut and washer assemblies (Fig. 7) from the lower adjusting screws.
6. Remove ten screws attaching the window regulator panel and remove the panel (Fig. 7).
7. Loosen two screws retaining the quarter window assembly at the pillar.
8. Remove ten quarter window assembly attaching screws, disconnect the motor wires, and remove the assembly from the vehicle.
9. Remove six screws retaining the outer panel to the quarter window inner panel, and separate the inner

panel from the outer panel (Fig. 12).

10. Remove two stop attaching screws and remove the stop from the slide carrier (Fig. 12).

11. Remove the cable clamp from the regulator.

12. Separate the glass and carrier assembly from the regulator and motor.

Drill a $5/16$ inch hole through the regulator sector gear and regulator plate (Fig. 14). Install a $1/4$ inch bolt and nut through the hole to prevent the sector gear from moving when the motor and drive assembly is removed from the regulator. Remove the motor assembly from the regulator.

INSTALLATION

1. Lubricate the regulator assembly if necessary with polyethylene grease (C4AZ-19584-A).
2. Position the glass and slide carrier to the regulator channel (Fig. 12).
3. Install the stop and cable clamp.
4. Position the inner panel on the quarter window outer panel, and install the six attaching screws.
5. Position the quarter window assembly in the vehicle and install the six retaining screws. Tighten the two screws at the pillar, and connect the motor wires.
6. Install the window regulator panel (Fig. 7).
7. Install the headlining tacking strip and attach the headlining to the strip.
8. Install the two nut and washer assemblies (Fig. 7) on the lower adjusting screws.
9. Adjust the quarter window.
10. Install the roof quarter trim panel and light.
11. Install the watershield and quarter trim panel.

QUARTER WINDOW GLASS REGULATOR—THUNDERBIRD

REMOVAL

1. Remove the trim panel and weathersheet.
2. If equipped with power windows, disconnect the motor wires.
3. Remove the window glass as previously described in this part.
4. Remove the bolts retaining the guide plate and remove the guide plate from the quarter.
5. Remove the hairpin clip retaining the regulator arm to the glass channel assembly.
6. Remove the four regulator retaining bolts (Fig. 8).

7. Support the glass and remove the regulator arm from the glass and remove the regulator out through the access hole in the bottom of the quarter.

8. If equipped with power windows, mount the regulator in a vise and remove the motor. If equipped with electric windows, mount the regulator assembly in a vise. Drill a 5/16 inch hole through the regulator sector gear and the regulator plate (Fig. 14). Install a 1/4 inch bolt and nut in the hole to prevent the sector gear from moving when the motor and drive assembly is removed. Remove the motor assembly from the regulator.

INSTALLATION

1. Position the regulator in the quarter, and install the four regulator retaining bolts.

2. If equipped with power windows, connect the motor wires.

3. Position the regulator arm to the glass and channel assembly and install the hairpin retainer.

4. Install the trim panel and weathersheet.

QUARTER WINDOW FRONT RUN—FORD MODEL 62

1. Remove the trim panel and watershield from the quarter panel.

2. Lower the quarter window and pull out the run.

3. Position and install the run in the front retainer.

4. Install the watershield and trim panel to the quarter window.

QUARTER WINDOW GUIDE—MUSTANG AND COUGAR MODELS 65 AND 76

REMOVAL

1. Remove the rear seat cushion and seat back (Group 47).

2. Remove the quarter trim panel and watershield (Group 47).

3. Lower the glass and disconnect the regulator arm from the glass channel.

4. Remove the upper front and upper rear stops (Fig. 3) and remove the glass and channel assembly.

5. Remove four guide attaching screws.

6. Position the guide forward. Then, remove the glass and channel assembly from the vehicle. Remove the guide from the quarter (Fig. 3).

INSTALLATION

1. Lubricate the window mechanism as outlined in Part 42-01.

2. Position the guide in the quarter panel and install the four attaching screws finger tight.

3. Install the glass and channel assembly in the quarter panel.

4. Connect the regulator arm to the glass channel (Fig. 3).

5. Install the upper front and upper rear stops.

6. Adjust the window mechanism as outlined in Section I.

7. Install the watershield and quarter trim panel.

8. Install the rear seat back and seat cushion.

QUARTER WINDOW FRONT GUIDE—FORD, MERCURY AND METEOR—MODELS 65 AND 76

1. Remove the quarter trim panel and watershield.

2. Remove the guide retaining bolts and remove the guide through the lower access hole.

3. Position the guide to the quarter panel and install the retaining bolts.

4. Fasten the watershield and quarter trim panel in place.

QUARTER WINDOW FRONT RUN—LINCOLN CONTINENTAL, FORD, MERCURY AND METEOR—MODELS 65 AND 76

1. Remove the quarter trim panel and watershield. Then, remove the dust cover.

2. Remove the upper and lower retaining bolts. Remove the run from the quarter panel.

3. Position the run in the quarter panel and install the retaining bolts loosely.

4. Adjust the run and tighten the bolts. Then, install the dust cover, watershield and trim panel to the quarter panel.

QUARTER WINDOW REAR GUIDE—FORD, MERCURY AND METEOR—MODEL 63

REMOVAL

1. Remove the quarter trim panel and watershield.

2. Lower the glass and remove the roof rail weatherstrip.

3. Remove the rear half of the weatherstrip retainer.

4. Remove the belt outside moulding and drip rail moulding.

5. Remove the upper front and rear stops. Then, remove the lock pillar seal.

6. Remove the equalizer arm bracket retaining screws and remove the equalizer (Fig. 10).

7. Remove the front guide from the glass and channel assembly. Then, remove the glass channel front bracket.

8. Raise the glass and remove the rear glass channel bracket from the glass.

9. Remove the glass from the vehicle.

INSTALLATION

1. Lubricate the window mechanism as shown in Part 42-01.

2. Position the guide to the vehicle. Install the bolts but do not tighten them completely.

3. Position the glass and channel assembly in the rear guide and install the rear channel bracket (Fig. 10). Position the channel to the window regulator.

4. Position the equalizer arm bracket to the window regulator and install the retaining bolts snugly.

5. Lower the glass and install the glass channel front bracket.

6. Install the front guide. Then, install the stops.

7. Install the belt outside moulding and install the drip rail moulding.

8. Replace the roof rail weatherstrip retainer. Then, install the roof rail weatherstrip.

9. Install the lock pillar seal.

10. Install the watershield and the quarter trim panel.

QUARTER WINDOW REAR GUIDE—FORD, MERCURY AND METEOR MODEL 76

REMOVAL

1. Remove the quarter window glass from the quarter panel.

2. Remove two screws attaching the rear guide to the outer panel at the belt line (Fig. 11).

3. Remove one screw attaching the rear guide to the guide lower bracket and remove the rear guide.

INSTALLATION

1. Lubricate the window mechanism as shown in Part 42-01.

2. Position the rear guide in the quarter panel and install the attaching screws.

3. Install the quarter window glass and adjust the window mechanism as

outlined in Section 1.

QUARTER WINDOW REAR GUIDE—FORD, MERCURY AND METEOR MODEL 65

1. Remove the quarter trim panel and watershield.
2. Remove the guide upper and lower retaining bolts.
3. Remove the guide from the vehicle.
4. Install the guide in the quarter panel, adjust as required, and tighten the bolts.
5. Install the watershield and the quarter trim panel.

QUARTER WINDOW FRONT GUIDE—FAIRLANE AND MONTEGO—MODELS 63, 65 AND 76

1. Remove the quarter trim panel and watershield (Group 47).
2. Remove two screws attaching the front guide to the glass channel. Disengage the front guide from the glass run and remove the guide.
3. Position the front guide to the glass run and the glass channel. Install the two front guide attaching screws.
4. Install the watershield and quarter trim panel.

QUARTER WINDOW FRONT RUN—FALCON MODEL 62

REMOVAL

1. Remove the quarter trim panel and watershield.
2. Lower the window and pull the run from the run retainers.

INSTALLATION

1. Lube the run at the front lower end with silicon and insert the run in the run retainers.
2. Raise the window and install the watershield and quarter trim panel.

QUARTER WINDOW FRONT RUN—FAIRLANE AND MONTEGO—MODELS 63, 65, AND 76

REMOVAL

1. Remove the quarter trim panel

and watershield (Group 47).

2. Remove the rear glass channel bracket from the glass channel.

3. Remove the nut retaining the window regulator equalizer arm to the inner panel.

4. Remove four screws attaching the window regulator to the inner panel and remove the regulator from the quarter panel.

5. Remove the upper stops from the glass channel (Fig. 9).

6. Remove the lower stop from the rear guide.

7. Remove two screws attaching the front guide to the glass channel and remove the guide.

8. Remove the lock pillar seal (Fig. 9).

9. Remove the front glass channel bracket from the glass channel.

10. Remove the belt line weatherstrips from the quarter panel.

11. Remove the quarter glass and channel assembly from the vehicle.

12. Remove two screws attaching the front run in the quarter panel and remove the run (Fig. 9).

INSTALLATION

1. Lubricate the window mechanism as shown in Part 42-01.

2. Position the front run in the quarter panel and install the two attaching screws.

3. Position the glass and channel assembly in the quarter panel.

4. Install the belt line weatherstrips.

5. Position the front glass channel bracket to the glass channel and install the two attaching screws.

6. Position the front guide to the glass channel and install the two attaching screws.

7. Install the lower stop on the rear guide (Fig. 9).

8. Position the window regulator to the front glass channel bracket and the quarter panel and install the four attaching screws.

9. Position the window regulator equalizer arm to the quarter inner panel and install the retaining nut.

10. Position the rear glass channel bracket to the window regulator arm roller and the glass channel. Install the two bracket attaching screws.

11. Install the two upper stops on the glass channel (Fig. 9).

12. Install the lock pillar seal.

13. Adjust the quarter window mechanism as outlined in Section 1. Install the watershield and quarter trim panel (Group 47).

QUARTER WINDOW FRONT GUIDE—FAIRLANE AND MONTEGO—MODELS 63, 65 AND 76

1. Remove the quarter trim panel and watershield (Group 47).

2. Remove two screws attaching the front guide to the glass channel (Fig. 9). Disengage the front guide from the glass run and remove the guide.

3. Position the front guide to the glass run and the glass channel. Install the two front guide attaching screws.

4. Install the watershield and quarter trim panel.

QUARTER WINDOW REAR GUIDE—FAIRLANE AND MONTEGO—MODELS 63, 65, AND 76

REMOVAL

1. Remove the quarter trim panel and watershield (Group 47).

2. Raise the glass all the way up and remove the rear guide top front attaching screw (Fig. 9).

3. Lower the glass and remove the rear guide top rear attaching screw.

4. Remove the rear guide lower attaching screw.

5. Raise the glass and disengage the rear guide from the glass channel roller. Remove the guide from the quarter panel.

6. Remove the lower stop from the rear guide.

INSTALLATION

1. Lubricate the window mechanism as shown in Part 42-01.

2. Position the lower stop to the rear guide and install the attaching screw.

3. Position the rear guide in the quarter panel and engage the glass channel roller in the rear guide.

4. Install the three rear guide attaching screws and adjust the window mechanism.

5. Install the watershield and quarter trim panel.

PART 42-06 Vent Window Glass and Mechanisms

COMPONENT INDEX Applies Only to Models Indicated	Ford	Mercury	Meteor	Fairlane	Falcon	Montego
FRONT DOOR VENT WINDOW ASSEMBLY REPLACEMENT	06-01	06-01	06-01	06-02	06-01	06-02

A page number indicates that the item is for the vehicle(s) listed at the head of the column.

1 REMOVAL AND INSTALLATION

FRONT DOOR VENT WINDOW ASSEMBLY—FORD, MERCURY AND METEOR—MODEL 62

Refer to Fig. 10, Part 42-02.

REMOVAL

1. Remove the door trim panel and watershield.
2. Remove the rear run retainer bolt. Then, remove the bolt retaining the regulator shaft to the vent shaft.
3. Remove the bolt holding the front run retainer. Remove the screws retaining the vent window assembly to the front edge of the door.
4. Remove the remaining vent window assembly retaining screw, remove the assembly and remove the window glass front run.
5. Remove the front run retainer from the vent window. Then, remove the vent glass from the assembly.
6. Remove the upper pivot bracket and the two retaining screws at the top of the assembly. Then, remove the weatherstrip and division bar.

INSTALLATION

1. Install the division bar and attach the weatherstrip to the frame.
2. Install the retaining screws at the top of the division bar and install the upper pivot.
3. Install the vent window in the assembly and install the run retainer to the window assembly.
4. Position the vent window assembly in the door and install the retaining screws along the front edge of the door. Then, install the belt weatherstrip-to-vent window assembly screw.
5. Install the front run retainer to the door and install the front run. Then, install the rear run retainer.
6. Adjust the vent glass as neces-

sary and tighten the retaining bolts.

7. Install the regulator shaft-to-vent shaft retaining bolt.
8. Install the watershield and door trim panel.

FRONT DOOR VENT WINDOW ASSEMBLY—FORD, MERCURY AND METEOR—MODELS 54 AND 71

Refer to Fig. 10, Part 42-02.

REMOVAL

1. Remove the door trim panel and watershield.
2. Remove the vent window regulator.
3. Remove the front run retaining bolt.
4. Remove the window lower stop and lower the window.
5. Remove the three vent window assembly retaining screws and remove the vent window frame assembly from the door.
6. Remove the front run from its retainer.
7. Remove the run retainer from the vent frame.
8. Remove the rivet retaining the vent window pivot bracket and remove the vent window.
9. Remove the rubber weatherstrip from the vent window frame and pop out the four rivets.

INSTALLATION

1. Lubricate the weatherstrip with silicone lubricant, position the weatherstrip in the vent window frame and peen the retaining rivets.
2. Install the run retainer in the vent frame.
3. Install the front run in its retainer.
4. Position the vent window in the

frame and install the pivot retaining rivet.

5. Position the vent window and run assembly in the door.
6. Install the retainer screws in the vent frame.
7. Install the lower run retainer retaining bolt.
8. Install and adjust the window lower stop.
9. Install the vent window regulator.
10. Install the door watershield and trim panel.

VENT WINDOW, DIVISION BAR, FRAME, GLASS AND WEATHERSTRIP—FALCON

Refer to Fig. 9, Part 42-02.

REMOVAL

1. Remove the trim panel and watershield from the door.
2. Remove the inner and outer belt weatherstrips.
3. Remove the glass lower stop and lower the glass all the way down.
4. Remove the vent window division bar lower adjusting screw and locknut.
5. Remove the front run and retainer from the vent window division bar.
6. Remove three screws attaching the vent window frame to the top leading edge of the door. Then, remove the vent window frame and division bar from the door.
7. Remove two screws retaining the vent window upper pivot to the vent window frame.
8. Remove the nut, spring, bushings, spacers and washers from the vent window lower pivot and remove the vent window from the vent frame.
9. Remove two screws and four rivets retaining the weatherstrip to the

GLASS AND CHANNEL REMOVAL TOOL (NO. 2900)
AVAILABLE FROM SOMMER AND MALA GLASS
MACHINE COMPANY, 5501 W. OGDEN AVENUE,
CHICAGO 50, ILLINOIS

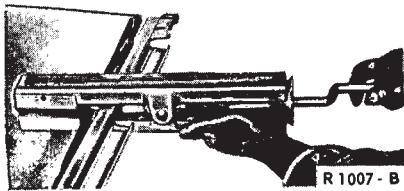


FIG. 1—Vent Glass Removal

frame and remove the weatherstrip.

INSTALLATION

1. Position the weatherstrip to the vent window frame and install the four rivets and two screws.
2. Position the vent glass in the frame and install the spacer, washer, spring, bushings and nut on the vent window lower pivot.
3. Install the two screws retaining the vent window upper pivot to the vent window frame. Then, adjust the lower pivot tension.
4. Position the vent window and division bar in the door and install the three attaching screws at the top leading edge of the door.
5. Insert the front run and retainer in the vent window division bar.
6. Position the front run to the window glass and install the vent window division bar lower adjusting screw and lock nut.

7. Raise the window glass and install the glass lower stop.

8. Adjust the front run and lower stop.

9. Install the watershield and trim panel on the door.

FRONT DOOR VENT WINDOW ASSEMBLY—FAIRLANE AND MONTEGO

REMOVAL

Refer to Figs. 1 and 8, Part 42-02.

If only the vent glass is to be replaced, use the tool shown in Fig. 1 to remove and install the glass in the frame. It is not necessary to remove the frame from the vehicle. If the frame, weatherstrip and/or division bar is to be replaced, proceed as follows:

1. Remove the trim panel and weathersheet.
2. Remove the bolt which retains the front run located at the bottom of the door.
3. Remove the vent window adjusting nut from the stud.
4. Remove the two bolts retaining the vent window assembly.
5. Remove the front dust seal from the door belt line notch.
6. Position the vent window assembly out of the way and remove the adjusting stud. Remove the window frame, division bar and run as an assembly.
7. Remove the screw at the top of the assembly and separate the run and retainer assembly from the frame

assembly.

8. Remove the vent window pivot nut, spring, washer and nylon bushing from the pivot stud. Then, remove the pivot bracket, spacer and nylon bushing from the window frame.

9. Remove the glass assembly from the frame and weatherstrip assembly. Remove the screw at the top of the frame and remove the weatherstrip.

INSTALLATION

1. Position the weatherstrip to the frame assembly and install the retaining screw.

2. Position the glass assembly to the frame assembly.

3. Install the nylon bushing, spacer and lower pivot bracket and install the bracket to the frame.

4. Install the nylon bushing, washer, spring and nut on the pivot stud. Adjust the spring tension.

5. Install the run and division bar assembly to the frame and install the retaining screw.

6. Partially insert the vent window assembly into the door and install the window adjusting stud. Then, position the window all the way into the door and install the nut on the adjusting stud.

7. Install the two vent window attaching bolts.

8. Install the front run attaching bolt.

9. Adjust the window as required.

10. Install the dust seal, weathersheet and trim panel.

PART 42-07 Tailgate Glass and Mechanism

COMPONENT INDEX Applies Only to Models Indicated	All Models	Ford	Mercury	Meteor	Fairlane	Falcon	Montego
TAILGATE GLASS							
Adjustment	07-01						
Emergency Lowering	07-01						
Regulator Replacement		07-03	07-03	07-03	07-03	07-03	07-03
Removal and Installation		07-02	07-02	07-02	07-02	07-02	07-02
Run Replacement		07-02	07-02	07-02	07-02	07-02	07-02

A page number indicates that the item is for the vehicle(s) listed at the head of the column.

1 ADJUSTMENTS

TAILGATE GLASS ADJUSTMENT

The tailgate glass is adjustable to obtain a watertight seal at the weatherstrip. To adjust the glass, loosen the two upper stops (Fig. 1). Then, loosen the glass run lower attaching screws (Fig. 1), and move the runs inboard or outboard to obtain a watertight

seal between the glass and the weatherstrip. Tighten the run attaching screws and adjust the upper stops. To obtain a proper side-to-side adjustment, loosen the screw and washer assemblies retaining the glass channel brackets to the guides (Fig. 1). Move the glass as required and tighten the screws.

TAILGATE WINDOW GLASS EMERGENCY LOWERING PROCEDURE

If the tailgate window regulator mechanism should fail with the window in a partially closed or closed position, the following procedure should be used to lower the window.

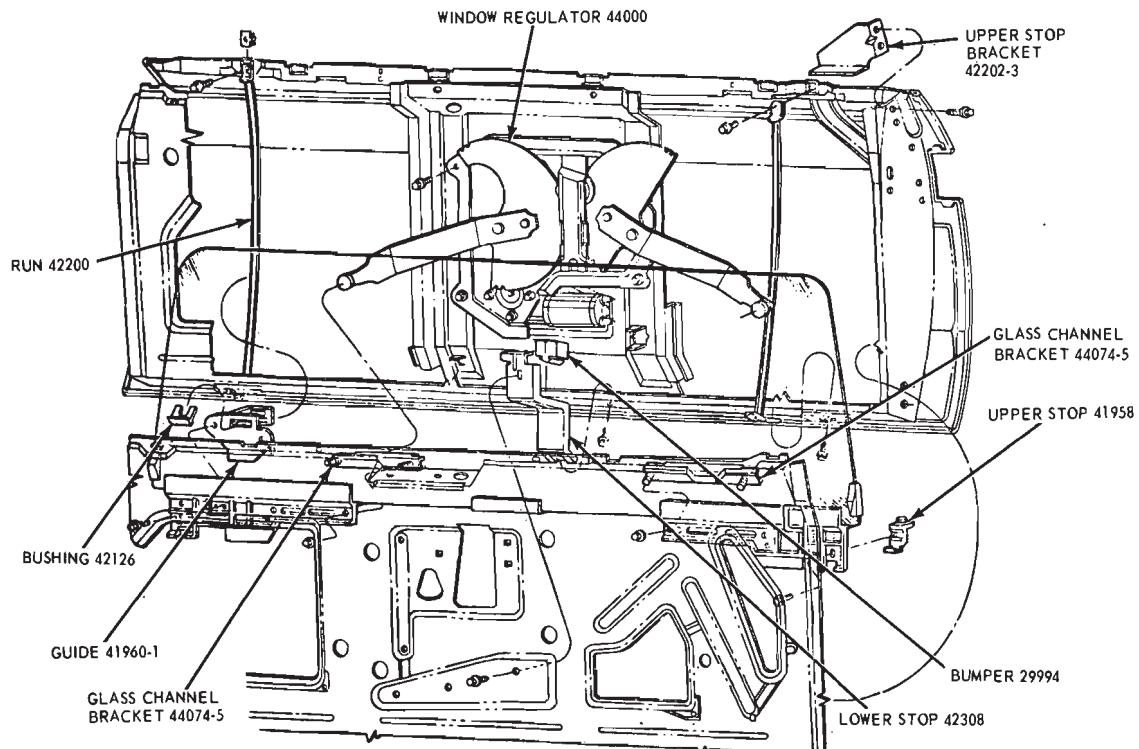


FIG. 1—Tailgate Window Mechanism—Typical

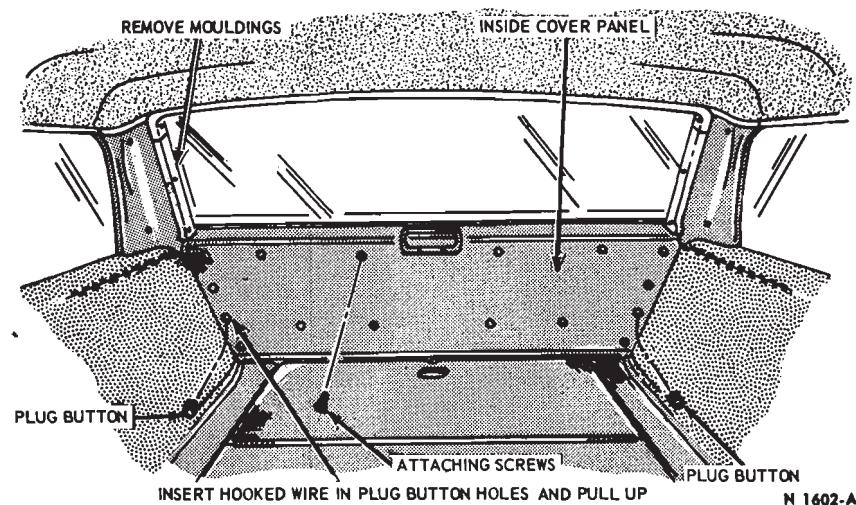


FIG. 2—Tailgate Emergency Opening—Typical

2 REMOVAL AND INSTALLATION

TAILGATE GLASS—FORD, MERCURY AND METEOR

REMOVAL

1. Remove the tailgate inside cover and watershield.
2. Remove the right and left upper stops from the glass channel (Fig. 1).
3. Remove the right and left guides from the glass channel (Fig. 1).
4. Remove the right and left glass channel brackets from the glass channel.
5. Remove the glass and channel assembly from the tailgate.

INSTALLATION

1. Lubricate the window mechanism (Part 42-01).
2. Position the glass and channel assembly in the tailgate.
3. Position the glass channel brackets to the regulator arm rollers and the glass channel, and install the retaining nuts.
4. Position the guides to the glass channel and runs. Insert the bushing in the right guide and install the guide attaching bolts (Fig. 1).
5. Install and adjust the right and left upper stops.
6. Install the watershield and the inside cover on the tailgate.

TAILGATE WINDOW GLASS—FAIRLANE, MONTEGO AND FALCON

REMOVAL

1. Open and temporarily support the tailgate.
2. Remove the tailgate cover panel retaining screws and remove the panel.
3. Remove the window regulator arm roller retaining pins, disconnect the arms from the rollers, and remove the rollers from the glass channel.
4. Remove the window from the tailgate.

INSTALLATION

1. With a glass remover tool, remove the glass lower retainer and channel, and weatherstrip.
2. Remove the weatherstrip from the glass lower retainer and channel assembly, and then clean the glass groove.
3. Position the weatherstrip into the glass lower channel. Install the weatherstrip and channel to the glass.
4. Slide the window assembly into the glass runs and connect the regulator arms and rollers to the glass lower channel.
5. Apply Lubriplate to the glass rollers.
6. Clean the old sealer from the

tailgate cover panel and apply new sealer.

7. Install the tailgate cover panel to the tailgate.
8. Connect the tailgate hinge supports and remove the temporary support.

TAILGATE GLASS RUN—FORD, MERCURY AND METEOR

REMOVAL

1. Remove the tailgate inside cover and watershield.
2. Remove the right and left upper stops from the glass channel (Fig. 1).
3. Remove the right and left guides from the glass channel.
4. Remove the right and left glass channel brackets from the glass channel (Fig. 1).
5. Remove the glass and channel assembly from the tailgate.
6. Remove two screws and four nuts attaching the outside belt moulding and weatherstrip to the tailgate, and remove the moulding and weatherstrip.
7. Remove the run upper and lower attaching screws and remove the run from the tailgate (Fig. 1).

INSTALLATION

1. Position the run in the tailgate and install the two attaching screws.

2. Install the belt outside moulding and weatherstrip.
3. Position the glass and channel assembly in the tailgate.
4. Position the glass channel brackets to the regulator arm rollers and the glass channel, and install the retaining nuts.
5. Position the guides to the glass channel and runs. Insert the bushing in the right guide and install the guide attaching bolts (Fig. 1).
6. Install and adjust the right and left upper stops.
7. Install the watershield and the inside cover on the tailgate.

TAILGATE GLASS REGULATOR—FORD, MERCURY AND METEOR

REMOVAL

1. Remove the tailgate glass.
2. Remove the glass channel brackets from the regulator arm rollers.
3. Disconnect the motor wires at the connector (if so equipped).
4. Remove four regulator attaching screws and remove the regulator from the tailgate (Fig. 1).
5. Remove the motor from the regulator and install the motor on the new regulator (if so equipped).

INSTALLATION

1. Position the regulator in the

tailgate and install the attaching screws.

2. Connect the regulator motor wires at the connector (if so equipped).
3. Install the tailgate glass.

TAILGATE GLASS REGULATOR—FAIRLANE, MONTEGO AND FALCON

REMOVAL

If the tailgate glass regulator mechanism should fail with the window in a partially closed or closed position, refer to the emergency procedure in this section.

1. Open and temporarily support the tailgate.
2. Disconnect the tailgate hinge supports at the tailgate.
3. Remove the tailgate cover panel retaining screws and remove the panel.
4. Remove the glass regulator arm roller retaining pins, disconnect the arms from the rollers, and remove the rollers from the glass channel.
5. Remove the window from the tailgate.
6. Disconnect the motor leads from the wiring harness in the tailgate (if so equipped).
7. Scribe the regulator mounting location, remove the regulator retaining bolts, and remove the regulator (with the motor attached, if so

equipped).

INSTALLATION

1. In a power window, do not remove the electric regulator drive assembly for transfer to the new regulator until the regulator counterbalance spring is unloaded. To unload the regulator counterbalance spring, place the spring in a vise so that the spring cannot unwind, disconnect the spring from the outer retaining tab, and then slowly loosen the vise jaws.

2. Remove the screws retaining the regulator drive assembly and the motor to the regulator and remove the drive assembly and motor.

3. Position the drive assembly and motor to the new regulator and install the retaining screws.

4. Drill out the rivets retaining the manual clutch and housing assembly to the regulator. Remove and discard the manual drive assembly. The manual clutch and gear assembly should not be removed until the electric drive assembly is installed.

5. Install the regulator assembly on the tailgate and align the regulator as required.

6. Connect the wiring harness (if so equipped), to the motor and secure the harness in place with the retainer.

7. Install the window assembly into the tailgate.

8. Apply Lubriplate to the glass rollers.